PUBLIC POWER

January-February 1991
Volume 49, Number 1

A2635-1

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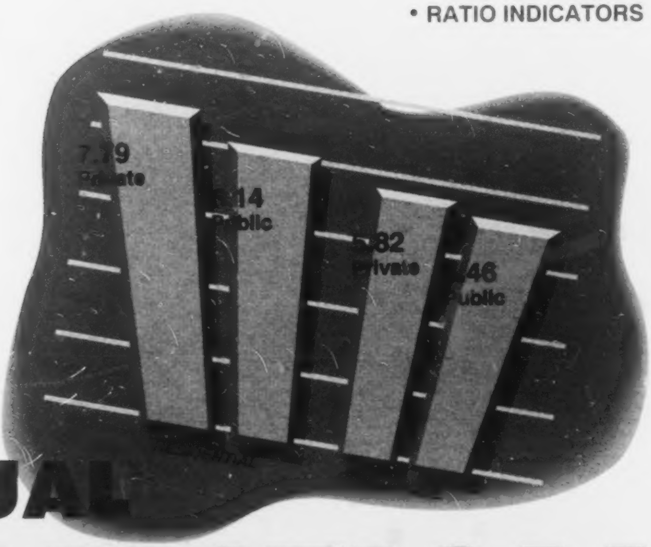

ANNUAL STATISTICAL ISSUE

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ED KIANKA 0054
CONGRESSIONAL INFO. SERVICE ###
SRI
4520 EAST-WEST HIGHWAY
BETHESDA MD 20814

PUBLIC POWER

Editorial and advertising offices:
2301 M St. N.W.
Washington, D.C. 20037-1484

PUBLIC POWER (ISSN 0033-3654), issued bimonthly, is published by the American Public Power Association, 2301 M St. N.W., Washington, D.C. 20037-1484, a national service organization providing legislative and regulatory monitoring, technical and statistical research, and educational and informational services for the nation's local publicly owned electric utilities. Opinions expressed in single articles are not necessarily policies of the association. For permission to reprint articles, write or call the publisher.

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Second class postage paid at Washington, D.C., and additional mailing offices. Postmaster: send address changes to Public Power, c/o Circulation, American Public Power Association, 2301 M St., N.W., Washington, D.C. 20037-1484

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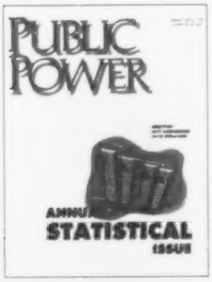

Cover: The 21 percent difference. See page 16.

Trading to clear the air. See page 20. Photo above and on page 20 shows one of the cleanest coal plants in the nation, Platte River Power Authority's 255-MW Rawhide plant in Wellington, Colo.

A powerful celebration. See page 38.

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Public Power Costs Less

Residential customers of publicly owned electric power systems enjoyed average rates that were 21 percent below the rates paid by customers of investor-owned utilities during 1988. Public power customers paid an average of 6.14 cents per kilowatt-hour for residential electric service, as compared to 7.79 cents per kilowatt-hour paid by residential customers of privately owned utilities.

Across the country, publicly owned electric utilities continue to lead the way in providing residential, commercial and industrial customers with low-cost energy for homes, businesses, large industry and the public.

The 1988 data presented here for rates (average revenue per kilowatt-hour) and average annual consumption per customer for residential, commercial and industrial customers of public power systems are based on information reported to the Department of Energy by 1,989 publicly owned electric utilities, which comprise virtually all of the public power sector. Rates and consumption data for 1987 covered 1,926 public power systems, the full sample for that year. The 1988 expense data for public power systems cover 424 of the largest public power distribution systems. These utilities accounted for approximately 76 percent of all public power sales to ultimate customers. The data reported for privately owned utilities cover 179 major electric utilities, representing 99 percent of electricity sales to ultimate customers in the private sector for 1988.

In 1988, residential customers of public power systems paid an average of 1.65 cents, or 21 percent, less for each kWh of electricity used than did residential customers of privately owned electric utilities. This represents little change from 1987, when residential customers of public power systems paid 1.77 cents, or 23 percent less for electricity than their private-sector counterparts.

Public power residential customers paid an average of 6.14 cents per kWh in 1988, compared to 7.79 cents per kWh for residential customers of private-sector utilities. The average public power residential customer consumed 10,057 kWh of electricity in 1988, 11 percent more than the typical private-sector residential customer, who consumed 9,071 kWh of electric power during the year.

Average residential rates rose slightly for customers of both publicly and privately owned utilities from 1987 to 1988. Public power residential rates rose from 6.00 cents per kWh in 1987 to 6.14 cents per kWh the following year. For residential customers of private power systems, residential rates rose from 7.77 cents per kWh to 7.79 cents per kWh over the same time period.

Commercial and industrial customers of public power systems paid 6 percent less for electricity than private power commercial and industrial customers in 1988. Public power commercial and industrial customers paid 5.46 cents per kWh, compared to 5.82 cents per kWh paid by commercial and industrial customers of privately owned electric utilities. Annual consumption for the combined commercial and industrial class averaged 113,098 kWh for public power customers and 136,708 kWh for private power customers.

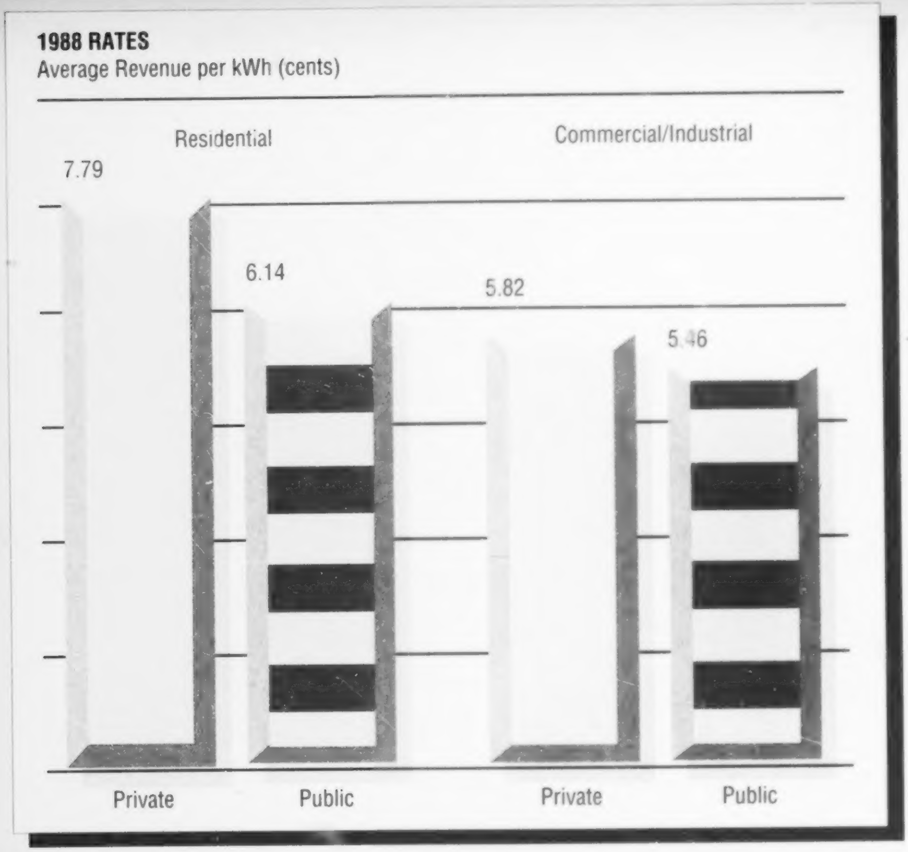
Managerial costs faced by public power systems remain below comparable costs of private power companies, indicating greater management efficiency among public power systems. Administrative and general expenses of public power systems averaged $93.46 per customer, compared to $118.23 per customer for private power systems.

Customer accounts expenses averaged $32.72 per customer for publicly owned electric utilities compared to $35.88 per customer for private utility companies.

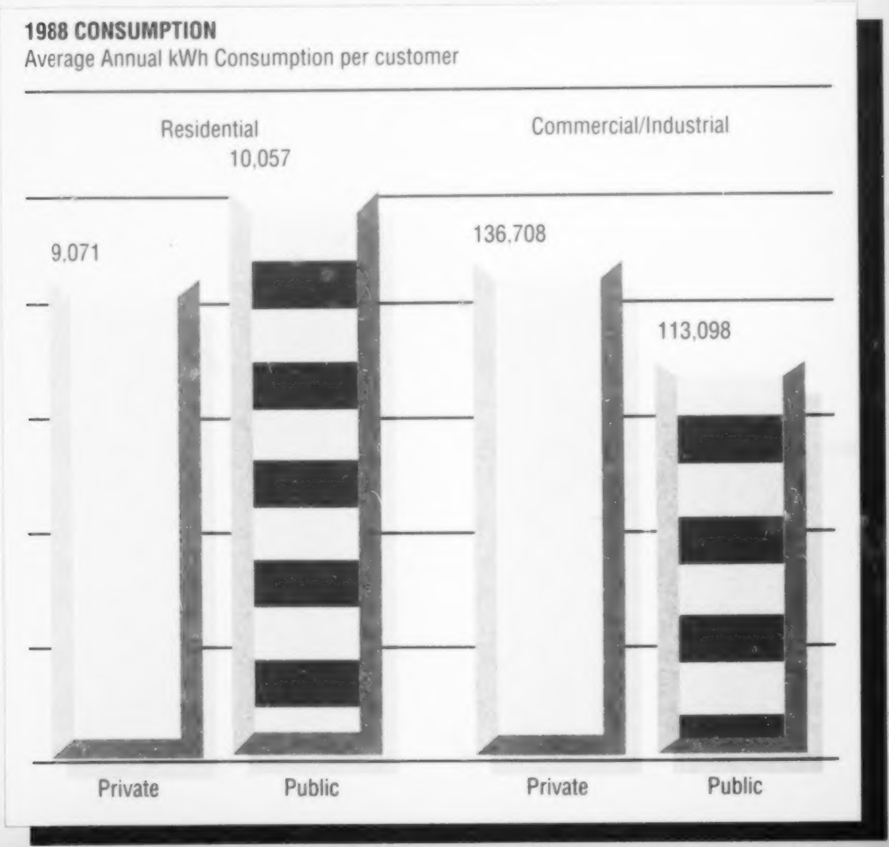
The statistical information presented here reconfirms the experience of the 16 million customers who have made the public power choice: public power costs less.

Statistics presented here for publicly owned utilities are based on data reported to DOE on forms EIA-861 and EIA-412 for 1988. In addition, calendar year expense data for public power systems was collected on an APPA survey for those public power systems that report to DOE using a fiscal year. All data presented for privately owned electric utilities are based on information reported by the utilities on form EIA-861 and on the Federal Energy Regulatory Commission Form 1 for 1988, and published in the annual DOE report, *Financial Statistics of Selected Electric Utilities*, 1988. Financial Statistics contains statistical series begun by the Federal Power Commission in 1946.

	Sales to Residential Consumers				**Sales to Commercial and Industrial Consumers**			
	Average Annual kWh Consumption		Average Revenue per kWh (cents)		Average Annual kWh Consumption		Average Revenue per kWh (cents)	
	Private	Public	Private	Public	Private	Public	Private	Public
1987	8,795	10,217	7.77	6.00	130,058	109,704	5.90	5.38
1988	9,071	10,057	7.79	6.14	136,708	113,098	5.82	5.46



1988 RATES
Average Revenue per kWh (cents)



1988 CONSUMPTION
Average Annual kWh Consumption per customer

How Utility Rates Compare, State by State

State	Residential Public	Residential Private	Commercial Public	Commercial Private
ALASKA	$0.095	$0.084	$0.082	$0.111
ALABAMA	0.057	0.067	0.065	0.066
ARKANSAS	0.064	0.077	0.063	0.064
ARIZONA	0.080	0.094	0.069	0.088
CALIFORNIA	0.071	0.090	0.077	0.088
COLORADO	0.059	0.071	0.057	0.055
CONNECTICUT	0.084	0.093	0.089	0.083
DELAWARE	0.082	0.086	0.083	0.068
FLORIDA	0.073	0.078	0.070	0.066
GEORGIA	0.061	0.072	0.068	0.072
HAWAII	——	0.088	——	0.087
IOWA	0.059	0.079	0.057	0.067
IDAHO	0.038	0.047	0.045	0.041
ILLINOIS	0.063	0.099	0.065	0.076
INDIANA	0.062	0.070	0.060	0.062
KANSAS	0.073	0.077	0.061	0.064
KENTUCKY	0.053	0.053	0.053	0.052
LOUISIANA	0.064	0.070	0.061	0.068
MASSACHUSETTS	0.082	0.084	0.092	0.076
MARYLAND	0.055	0.067	0.055	0.065
MAINE	0.079	0.082	0.077	0.071
MICHIGAN	0.064	0.073	0.064	0.077
MINNESOTA	0.057	0.066	0.056	0.057
MISSOURI	0.061	0.076	0.055	0.066
MISSISSIPPI	0.058	0.069	0.064	0.070
MONTANA	0.049	0.054	0.045	0.046
NORTH CAROLINA	0.076	0.073	0.068	0.060
NORTH DAKOTA	0.042	0.061	0.042	0.083
NEBRASKA	0.060	——	0.054	——
NEW HAMPSHIRE	0.071	0.096	0.076	0.087
NEW JERSEY	0.083	0.098	0.090	0.084
NEW MEXICO	0.081	0.090	0.076	0.085
NEVADA	0.043	0.062	0.039	0.061
NEW YORK	0.035	0.108	0.040	0.097
OHIO	0.065	0.077	0.062	0.070
OKLAHOMA	0.068	0.065	0.064	0.055
OREGON	0.037	0.050	0.035	0.052
PENNSYLVANIA	0.071	0.087	0.068	0.077
RHODE ISLAND	0.105	0.086	0.123	0.077
SOUTH CAROLINA	0.065	0.086	0.060	0.062
SOUTH DAKOTA	0.039	0.073	0.042	0.065
TENNESSEE	0.057	0.049	0.064	0.052
TEXAS	0.068	0.068	0.062	0.059
UTAH	0.064	0.083	0.060	0.073
VIRGINIA	0.057	0.065	0.059	0.057
VERMONT	0.083	0.077	0.093	0.082
WASHINGTON	0.035	0.051	0.031	0.049
WISCONSIN	0.053	0.067	0.056	0.060
WEST VIRGINIA	0.056	0.059	0.057	0.054
WYOMING	0.056	0.060	0.054	0.050

Sources: 1988 EIA Form 861
1988 EEI Statistical Yearbook

Selected Financial And Operating Ratios

Of Public Power Systems

In 1990 the American Public Power Association published its second report on financial and operating ratios. Based on 1988 data for 424 public power distribution systems, the report examined 23 ratio indicators that can be used by public power systems to assess their performance relative to other comparably sized utilities.

Seven of the ratios are financial, and were calculated from data found in utility financial reports. All seven of the financial ratios and 13 of the 16 operating ratios are summarized here. (See Table 1.) Below are definitions of the summarized ratios.

Financial Ratios

Revenue Per Kilowatt-Hour is a measurement, in dollars, of the ratio of total electric operating revenues from sales to ultimate customers to total kilowatt-hour sales. The ratio is calculated for all retail customer classes and separately for residential, commercial and industrial customers. The ratio of residential revenue per kWh is calculated using the amount of revenue received for each kilowatt-hour of electricity used by residential customers. The ratios for commercial and industrial customers are similarly calculated using only revenues and energy that apply to each of those customer classes. The definitions of commercial and industrial customers may vary between utilities, with the resulting classification based on specific load characteristics or demand rather than on a popular definition of "commercial" or "industrial."

Revenue Per Customer is a measurement in dollars of the ratio of total electric operating revenues from sales to ultimate customers to the average number of customers. Individual ratios also were calculated for residential, commercial and industrial rate classes. The ratio may be influenced by population density or customer class mix.

A look at 20 ratio indicators

Debt-to-Total Assets is the ratio of long-term debt, plus current and accrued liabilities, to total assets and other debits. This ratio measures a utility's ability to meet its current and long-term liabilities based on the availability of assets.

Long-term debt includes bonds, advances from the municipality, other long-term debt, any unamortized premium on long-term debt and any unamortized discount of long-term debt. Current and accrued liabilities include warrants, notes and accounts payable, payables to the municipality, customer deposits, taxes accrued, interest accrued, and miscellaneous current and accrued liabilities. Total assets and other debits include utility plant, investment, current and accrued assets and deferred debits.

Operating Ratio is the ratio of total electric operating and maintenance expenses to total electric operating revenues. This ratio measures the proportion of revenues received from electricity sales, rate adjustments and other electric activities required to cover the operation and maintenance costs associated with producing and selling electricity. Operation and maintenance expenses include the costs of power production (including purchased power), transmission, distribution, customer accounts, sales and administrative and general expenses. This ratio may be influenced by the availability of alternative power options and costs of purchased power.

Current Ratio is total current and accrued assets to total current and accrued liabilities. This is a measure of the utility's short-term liquidity, that is, the

Table 1
Financial and Operating Ratios, by Customer Size Class, 1988

	Customer Size Class (Thousands of Customers)						
	All Classes	**2-5**	**5-10**	**10-20**	**20-50**	**50-100**	**100 or more**
1. Revenue Per kWh (Dollars)							
All Retail Classes	0.057 (424)	0.053 (43)	0.056 (145)	0.058 (124)	0.060 (74)	0.067 (20)	0.056 (18)
Residential	0.059 (423)	0.057 (42)	0.058 (145)	0.058 (124)	0.061 (74)	0.069 (20)	0.059 (18)
Commercial	0.064 (423)	0.063 (42)	0.062 (145)	0.064 (124)	0.065 (74)	0.071 (20)	0.063 (18)
Industrial	0.052 (379)	0.052 (41)	0.051 (131)	0.052 (106)	0.054 (65)	0.053 (18)	0.052 (18)
2. Revenue Per Customer (Dollars)							
All Retail Classes	1,395 (424)	1,716 (43)	1,394 (145)	1,271 (124)	1,400 (74)	1,370 (20)	1,422 (18)
Residential	634 (423)	624 (42)	627 (145)	626 (124)	693 (74)	555 (20)	714 (18)
Commercial	2,363 (423)	1,615 (42)	2,196 (145)	2,483 (124)	2,741 (74)	3,819 (20)	2,671 (18)
Industrial	86,208 (379)	108,386 (41)	77,333 (131)	75,147 (106)	86,208 (65)	262,500 (18)	134,189 (18)
3. Debt to Total Assets	0.282 (419)	0.268 (41)	0.227 (143)	0.277 (123)	0.337 (74)	0.486 (20)	0.582 (18)
4. Operating Ratio	0.850 (423)	0.907 (43)	0.866 (144)	0.838 (124)	0.841 (74)	0.768 (20)	0.752 (18)
5. Current Ratio	2.19 (420)	1.85 (42)	2.53 (143)	2.30 (123)	1.86 (74)	2.12 (20)	1.35 (18)
6. Times Interest Earned	2.36 (317)	2.09 (30)	3.04 (92)	2.98 (97)	2.26 (60)	1.82 (20)	1.66 (18)
7. Net Income Per Revenue Dollar ($)	0.039 (421)	0.031 (42)	0.039 (144)	0.043 (123)	0.040 (74)	0.076 (20)	0.036 (18)
8. Retail kWh Sales Per Non-Generation Employee	6,922,368 (212)	8,613,500 (13)	7,384,231 (63)	6,444,353 (63)	6,727,415 (45)	4,873,338 (14)	6,475,091 (14)
9. Retail Customers Per Non-Generation Employee	298 (212)	232 (13)	295 (63)	307 (63)	324 (45)	178 (14)	223 (14)
10. Total O&M Expense Per kWh Sold	0.050 (394)	0.050 (40)	0.051 (128)	0.051 (121)	0.051 (67)	0.050 (20)	0.034 (18)
11. Total O&M Expense (Excluding Power Production) Per Retail Customer ($)	167 (392)	155 (40)	162 (128)	159 (119)	166 (67)	224 (20)	203 (18)
12. Labor Expense Per Worker-Hour ($)	13.55 (186)	11.68 (11)	12.92 (57)	13.54 (57)	13.62 (39)	16.38 (12)	16.13 (10)
13. Total Power Supply Cost Expense (Production & Purchase) Per kWh Sold ($)	0.043 (401)	0.046 (42)	0.44 (131)	0.044 (121)	0.043 (69)	0.033 (20)	0.027 (18)
14. Retail Customers Per Meter Reader	4,048 (214)	2,844 (14)	3,610 (60)	3,940 (63)	4,294 (44)	4,728 (16)	6,095 (17)
15. Distribution Expenses Per Retail Customer ($)	64 (323)	73 (34)	66 (94)	63 (100)	61 (58)	66 (19)	73 (18)
16. Distribution Expenses Per Circuit Mile ($)	3,038 (166)	2,816 (9)	2,910 (42)	2,152 (52)	3,063 (37)	4,065 (13)	4,291 (13)
17. Customer Accounting, Customer Service and Sales Expense Per Retail Customer ($)	28 (323)	29 (33)	25 (97)	26 (100)	30 (56)	35 (19)	41 (18)
18. Administrative and General Expenses Per Retail Customer($)	63 (326)	51 (33)	63 (96)	62 (101)	63 (59)	99 (19)	71 (18)
19. Uncollectible Accounts Per Revenue Dollar ($)	0.0029 (172)	0.0027 (9)	0.0027 (48)	0.0017 (54)	0.0037 (35)	0.0033 (13)	0.0041 (13)
20. OSHA Incidence Rate (Per 100 Employees)	9.36 (126)	11.36 (9)	7.71 (32)	10.68 (27)	9.82 (28)	14.13 (13)	7.94 (17)

Numbers shown are median values. The number of responses for each category is shown in parentheses.

ability to pay its bills. The current ratio takes a snapshot of the utility's liquidity at a point in time and thus may vary considerably at other times of the year.

Total current and accrued assets include cash and working funds, temporary cash investments, notes and accounts receivable, receivables from the municipality, materials and supplies, prepayments and miscellaneous current and accrued assets. Total current and accrued liabilities include warrants, notes and accounts payable, payables to the municipality, customer deposits, taxes accrued, interest accrued and miscellaneous current and accrued liabilities.

Times Interest Earned is the ratio of net income, excluding nonelectric utility operating income, plus interest paid on long-term debt, to interest on long-term debt. This ratio measures the ability of a utility to cover interest charges and is indicative of the safety margin to lenders. Income from nonelectric sources (such as from the gas or water utility) is excluded from the ratio.

This ratio may be influenced by a utility's financial policies. Utilities with no long-term debt are excluded from the ratio by definition.

The data reflect the fact that during 1988, numerous public power systems in the Pacific Northwest entered into settlements related to complaints filed regarding the Washington Public Power Supply System nuclear projects No. 4 and 5. The settlements for the utilities involved were shown on financial statements as extraordinary deductions from income, resulting in a large negative net income for the year. A number of utilities included in this report were affected by the settlements. In many cases their inclusion may have resulted in negative or otherwise atypical values for the "times interest earned" and the "net income per revenue of dollar" ratios. Consequently, these ratios may not be representative of the industry.

Net Income Per Revenue Dollar is the ratio of net income, excluding nonelectric utility operating income, to total electric operating revenues. This ratio measures the amount of income remaining, after accounting for operation and maintenance expenses, depreciation, taxes and tax equivalents, and contributions and services for every dollar received from sales of electricity. Nonelectric utility income (such as from gas or water utilities) is excluded from the ratio.

The ratio may be influenced by the type and availability of power supply options and by the amount of taxes, tax equivalents, contributions or services that a utility transfers to the municipality or other governmental bodies. Financial policies and the amount of debt may also affect this ratio (e.g., how a utility finances capital investments).

See the definition of the times interest earned ratio regarding the effect on this ratio of 1988 legal settlements involving various public power systems in the Pacific Northwest.

Operating Ratios

Retail kWh Sales Per Nongeneration Employee is the ratio of total kWh sales to ultimate customers of all classes to the total number of full-time, part-time and contract employees not involved in power generation. The ratio measures the average output in the form of retail kWh sales produced by each nongeneration employee.

The ratio may be influenced to the extent that employees' time is devoted to the sale of wholesale power, or if employees shared with other (nonelectric) departments are not properly prorated. Part-time employees are assumed to work half-time, i.e., two part-time employees are equivalent to one full-time employee. Contract employees include only those persons performing regular utility work on an ongoing basis.

Retail Customers Per Nongeneration Employee is the ratio of the average number of retail customers from all classes to the total number of full-time, part-time and contract employees not involved in the generation of power. This ratio measures the average number of customers served by each nongeneration employee.

The ratio may be influenced by the mix of customers and by population density. It will be influenced by the extent to which employees shared with non-electric departments are not properly prorated, or that employees involved in resale transactions are included. Part-time employees are assumed to work half-time, i.e., two part-time employees are counted as one full-time employee. To the extent that this assumption is violated, the ratio will be biased. Contract employees include only those individuals performing regular utility work on an ongoing basis.

Total Operation and Maintenance Expense Per kWh Sold is a dollar measurement of the ratio of total electric utility operation and maintenance expenses, including the cost of generated and purchased power, to total kWh sales. This ratio measures average total operation and maintenance expenses associated with each kWh of electricity sold, either for resale or to ultimate customers.

Included in operation and maintenance costs are the expenses associated with power production (generation and purchased power), transmission, distribution, customer accounts, sales and administrative and general functions of the electric utility. Because power production expenses typically comprise the largest component of total operation and maintenance expenses, the ratio may be influenced by the proportion of power generated by a utility and the availability of alternative power supplies. Kilowatt-hours of electricity produced but not sold, i.e., energy furnished without charge, energy used internally and energy losses, are not included in the denominator.

Total Operation and Maintenance Expense (Excluding Power Production) Per Retail Customer is a dollar measure of the ratio of total electric utility operation and maintenance expenses, excluding all costs of power production, to the total number of ultimate customers. This measures the average costs associated with the sale of electricity to each retail customer.

Operation and maintenance expenses include the costs of transmission, distribution, customer accounts, sales and administrative and general expenses. The costs of power production (generation and purchased power) are excluded from the ratio. This ratio may be affected by population density and the mix of customers between various classes. Also, the extent to which a utility serves a large number of resale customers will influence the ratio.

Labor Expense Per Worker-Hour is the ratio, in dollars, of total annual earnings of full-time, part-time and contract labor employees to the total number of hours worked during the year by these employees. This ratio measures the actual cost to the utility of labor.

Total annual earnings includes all

Table 2
Financial and Operating Ratios, by Region, 1988

	Region			
	Northeast	**Southeast**	**North Central/ Plains**	**Southwest/ West**
1. Revenue Per kWh (Dollars)				
All Retail Classes	0.078 (37)	0.057 (152)	0.054 (111)	0.055 (124)
Residential	0.078 (37)	0.058 (152)	0.058 (111)	0.059 (123)
Commercial	0.085 (37)	0.065 (152)	0.059 (111)	0.057 (123)
Industrial	0.075 (33)	0.054 (134)	0.046 (104)	0.043 (108)
2. Revenue Per Customer (Dollars)				
All Retail Classes	1,571 (37)	1,557 (152)	1,237 (111)	1,181 (124)
Residential	608 (37)	773 (152)	504 (111)	575 (123)
Commercial	3,403 (37)	1,798 (152)	2,278 (111)	2,775 (123)
Industrial	97,607 (33)	68,155 (134)	97,078 (104)	133,225 (108)
3. Debt to Total Assets	0.240 (36)	0.247 (151)	0.233 (108)	0.362 (124)
4. Operating Ratio	0.867 (37)	0.910 (152)	0.851 (110)	0.773 (124)
5. Current Ratio	2.75 (36)	1.76 (151)	2.55 (109)	2.40 (124)
6. Times Interest Earned	5.48 (33)	3.56 (104)	2.19 (79)	1.67 (101)
7. Net Income Per Revenue Dollar ($)	0.076 (37)	0.031 (151)	0.047 (109)	0.047 (124)
8. Retail kWh Sales Per Non-Generation Employee	5,884,038 (18)	7,937,889 (53)	6,742,913 (60)	6,519,517 (81)
9. Retail Customers Per Non-Generation Employee	285 (18)	282 (53)	310 (60)	300 (81)
10. Total O&M Expense Per kWh Sold ($)	0.059 (36)	0.053 (136)	0.046 (104)	0.040 (118)
11. Total O&M Expense (Excluding Power Production) Per Retail Customer ($)	217 (36)	145 (134)	166 (104)	185 (118)
12. Labor Expense Per Worker-Hour($)	15.41 (14)	11.92 (47)	12.94 (58)	15.12 (67)
13. Total Production Expense Per kWh Sold ($)	0.051 (36)	0.048 (141)	0.038 (104)	0.033 (120)
14. Retail Customers Per Meter Reader	3,730 (16)	3,536 (55)	4,025 (60)	4,490 (83)
15. Distribution O&M Expenses Per Retail Customer ($)	70 (35)	61 (109)	64 (89)	73 (90)
16. Distribution O&M Expenses Per Circuit Mile ($)	3,263 (15)	2,115 (42)	3,736 (50)	3,697 (59)
17. Customer Accounting, Customer Service and Sales Expense Per Retail Customer ($)	30 (34)	28 (108)	21 (89)	35 (92)
18. Administrative and General Expenses Per Retail Customer ($)	102 (35)	43 (111)	65 (89)	74 (91)
19. Uncollectible Accounts Per Revenue Dollar ($)	0.0016 (13)	0.0029 (42)	0.0013 (49)	0.0036 (68)
20. OSHA Incidence Rate (Per 100 Employees)	10.68 (8)	8.86 (40)	8.58 (34)	9.42 (44)

Numbers shown are median values. The number of responses for each category is shown in parentheses.

REGIONS

The regions on Table 2 correspond to individual or combined regions of the North American Electric Reliability Council (NERC), as described below.

Northeast—includes the Northeast Power Coordinating Council (Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, Vermont) and the Mid-Atlantic Area Council (Delaware, eastern Maryland, New Jersey and central and eastern Pennsylvania).

Southeast—includes Southeastern Electric Reliability Council (Alabama, Florida, Georgia, eastern Mississippi, North Carolina, South Carolina, Tennessee, eastern Virginia)

North Central/Plains—includes Eastern Central Area Reliability Coordination Agreement (Indiana, Kentucky, western Maryland, Michigan, Ohio, western Pennsylvania, western Virginia, West Virginia), Mid-America Interconnected Network (Illinois, Michigan's upper peninsula, eastern Missouri, eastern Wisconsin), Mid-continent Area Power Pool (Iowa, Minnesota, eastern Montana, Nebraska, North Dakota, South Dakota, western Wisconsin)

Southwest/West—includes Southwest Power Pool (Arkansas, Kansas, Louisiana, western Missouri, southeast New Mexico, Oklahoma, northwest Texas) Electric Reliability Council of Texas and Western Systems Coordinating Council (Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming).

payroll compensation received by full-time, part-time or contract employees, including straight-time pay, overtime pay, and payment for time not worked such as sick pay, vacation pay, holiday pay, or other payments. Fringe benefits, such as health care premiums paid by the employer, are excluded. Hours worked includes total productive hours spent at work, including both straight-time and overtime hours worked. Hours paid but not worked, such as on holidays or other paid leave time, are not included.

Total Production Expense Per Kilowatt-Hour Sold is a dollar measurement of the ratio of the total costs of power production to total sales to both ultimate and resale customers. This ratio measures all production costs, including generation and purchased power, associated with the sale of each kilowatt-hour of electricity.

The ratio includes operation and maintenance costs arising from all generation types, including steam, nuclear, hydraulic and other types of generation. Operation and maintenance expenses include the costs of fuel, labor, supervision, engineering, materials and supplies, and also include the costs of purchased power. The ratio may be influenced by the geographic location of the utility, the availability of alternative power supplies, the degree to which the utility can generate its own power, and access to transmission. The ratio does not include kilowatt-hours produced but not sold, i.e., energy used internally, energy furnished without charge, or energy losses.

Retail Customers Per Meter Reader is the ratio of retail customers to the number of meter readers employed by the utility. This measures the average number of retail customers served by each meter reader.

The number of meter readers includes the total number of full-time meter readers plus half of all part-time meter readers. It is assumed that all part-time employees work half-time. Population density, frequency of meter readings, and technology used to read meters will influence the ratio.

Distribution Operation and Maintenance Expenses Per Retail Customer is a dollar measure of the ratio of total distribution operation and maintenance expenses to the total number of retail customers. This ratio measures the average distribution expense associated with delivering power to each retail customer.

Distribution costs include expenses associated with labor, supervision, engineering, materials and supplies used in the operation and maintenance of the distribution system. The ratio will be influenced by population density and the mix of customer classes served by the utility.

Distribution Operation and Maintenance Expenses Per Circuit Mile is a dollar measure of the ratio of total distribution operation and maintenance expenses to the total number of circuit miles of distribution line. This measures the total distribution costs associated with each circuit mile of distribution line used to deliver power to customers.

Distribution costs include expenses associated with labor, supervision, engineering, materials and supplies used in the operation and maintenance of the distribution system. The ratio will be affected by population density, the mix of customer classes served by the utility, the dispersion of customers within the utility's service territory and the proportion of underground and overhead distribution lines.

Customer Accounting, Customer Services and Sales Expenses Per Retail Customer is a dollar measure of the ratio of total customer accounting, services and sales expenses to the total number of retail customers. This ratio measures the average expenses incurred by the utility in handling each customer's account. This includes the costs of obtaining and servicing all retail customers. Uncollectible accounts and meter reading expenses are included in this ratio.

The ratio includes the costs of labor, materials and other expenses associated with advertising, billing, collections, records, handling inquiries and complaints. It also includes the costs of promoting and providing customer service programs such as energy services or conservation programs. The ratio will be influenced by the degree to which the utility provides various energy services and other types of customer programs and also by the mix of customer classes it serves.

Administrative and General Expenses Per Retail Customer is a dollar measure of the ratio of total electric utility administrative and general expenses to the total number of retail customers. This ratio measures the average administrative and general expenses incurred by the utility on behalf of each retail customer.

Administrative and general expenses are those electric operation and maintenance expenses not allocatable to the costs of power production (generation and power purchases), transmission, distribution or customer accounting, service and sales. Items that may be included are compensation of officers and executives, office supplies, professional fees, property insurance and claims, pensions and benefits, and other expenses not provided for elsewhere.

Uncollectible Accounts Per Revenue Dollar is the ratio of total uncollectible accounts to total electric utility operating revenues. This ratio measures the proportion of each revenue dollar that will not be collected by the utility. It will be influenced by the financial and customer service policies of the utility.

OSHA Incidence Rate Per 100 Employees is the ratio of total recordable injury and illness cases during the year to total worker-hours of exposure, per 100 employees. This ratio measures the proportion of employees subject to on-the-job injuries and illnesses over the course of the year.

Recordable injuries and illnesses are those occurrences that arise in the course of employment and result in fatality, days away from work, restricted work activity or medical treatment. It should be noted that no weighting is applied to any of these types of occurrences—two fatalities are counted the same as two injuries requiring minor medical treatment, and thus result in the same contribution to the U.S. Occupational Safety and Health Administration incidence rate. This ratio is influenced by management practices and policies and by the proportion of employees involved in hazardous occupations. ❑

Contributions To Local Governments

Local publicly owned electric utilities contribute proportionately more to the coffers of state and local governments than do privately owned electric companies.

During 1988, public power systems paid an average of 6.1 percent of electric operating revenues to state and local governments. In contrast, private utilities transferred 5.9 percent of electric operating revenues to state and local governments.

The transfers made by local public power systems include state and local taxes, tax-equivalent or "in-lieu-of-tax" payments, direct grants or transfers to the general fund, and contributed services. Contributed services include such items as free or subsidized electric power for government buildings, municipal pumping, public lighting and other operations, and also contributed services such as office space and use of utility personnel or equipment.

Transfers made by private, investor-owned utilities include all taxes paid to state and local governments. The data for both public and privately owned utilities exclude federal income taxes, Social Security payments, contributions to federal and state unemployment insurance and other payroll taxes. Public power system contributions are likely understated because of failure to report non-cash contributions, such as free electricity, shared personnel, or use of equipment ❑

Region	Publicly owned	Privately owned
NORTHEAST *(Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont)*	3.47% (68)	5.90% (49)
ATLANTIC *(D.C., Delaware, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia)*	9.08% (98)	5.64% (19)
EAST NORTH CENTRAL *(Illinois, Indiana, Michigan, Ohio, Wisconsin)*	3.51% (115)	6.35% (33)
EAST SOUTH CENTRAL *(Alabama, Kentucky, Mississippi, Tennessee)*	2.99% (107)	3.13% (12)
WEST NORTH CENTRAL *(Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, South Dakota)*	6.66% (199)	7.68% (18)
WEST SOUTH CENTRAL *(Arkansas, Louisiana, Oklahoma, Texas)*	9.48% (58)	4.05% (17)
MOUNTAIN *(Colorado, Montana, New Mexico, Utah, Wyoming)*	15.22% (37)	5.23% (4)
PACIFIC NORTHWEST *(Alaska, Idaho, Oregon, Washington)*	6.20% (49)	5.77% (6)
PACIFIC SOUTHWEST *(Arizona, California, Nevada)*	4.52% (40)	5.40% (8)
OTHER *(Hawaii)*	— (0)	9.94% (2)
U.S. AVERAGE Total number of systems reporting	6.11% (771)	5.91% (168)

Sources: For public power systems: Department of Energy Form EIA-412 for 1988 and APPA 1988 *Survey of Local Publicly Owned Electric Utilities*. For private power companies: Federal Energy Regulatory Commission Form 1, 1988.

Management Salaries

An American Public Power Association survey examines salaries of 16 utility occupations.

General managers of locally owned electric utilities earned a mean (average) salary of $51,488 as of June 1, 1990 and the median was $47,500, according to data collected by the American Public Power Association and published in its *1990 Survey of Management Salaries in Local Publicly Owned Electric Utilities.*

APPA collected data on 16 managerial occupations for public power systems with annual electric revenues of $10 million or more and on eight managerial occupations from utilities with less than $10 million. Data are based on responses of 913 local public power systems. Of the respondents, 55 percent are utilities with less than $5 million in annual electric revenues and 83 percent had revenues below $20 million. Only 7 percent of respondents had revenues of $50 million or more and 4 percent had revenues of $100 million or more.

The survey shows that utilities serving a larger customer base, and, hence, earning higher revenues, pay higher salaries. For general managers, median salaries range from $35,922 in the smallest revenue class (less than $5 million) to $100,035 in the largest revenue class ($100 million or more). Mean salaries for general managers range from $36,609 in the smallest revenue class to $114,703 in the largest revenue class. Table 1 shows the median salaries, by revenue class, of 16 utility occupations. Table 2 shows me-

Table 1
Median Salaries, by Revenue Class

	Revenue Class (Millions)					
Occupation	Less than $5	$5-$10	$10-$20	$20-$50	$50-$100	$100 or more
General Manager	$35,922	$48,633	$56,186	$65,928	$79,500	$100,035
Assistant General Manager	28,293	39,700	43,409	56,805	57,750	81,141
Chief Engineer	29,897	39,500	47,043	50,801	53,428	73,006
Director of Power Supply Planning	—	—	49,691	53,469	66,066	71,000
Steam Plant Superintendent*	24,045	36,408	44,002	50,971	57,325	63,576
Supervisory Engineer**	28,000	36,000	41,581	44,836	52,600	56,867
Line Division Superintendent***	27,000	35,756	40,878	46,900	48,403	60,377
Construction Superintendent	—	—	37,327	47,259	48,552	55,650
Chief Financial Manager	29,064	34,733	40,888	50,400	54,558	71,571
Chief Accountant	—	—	33,000	35,867	39,820	58,032
Rate Analyst	—	—	34,896	41,474	40,451	52,294
Personnel Director	—	—	35,000	39,600	52,079	59,054
Director of Customer Services	20,532	25,522	33,660	33,387	40,800	58,577
Data Processing Manager	—	—	35,850	36,207	44,345	58,323
Communications Director	—	—	30,368	35,443	34,818	57,699
Staff Legal Counsel	—	—	51,840	52,119	—	7[illegible]

Notes

* Production superintendent for utilities with $10 million or less in electric revenues are included in this occupational classification.

** Operations superintendent for utilities with $10 million or less in electric revenues are included in this occupational classification.

***Line superintendent for utilities with $10 million or less in electric revenues are included in this occupational classification.

Table 2
Median Salary Value, by Customer Size Class

	Customer Size Class (Thousands)					
Occupation	Less than 2	2-4	4-10	10-20	20-50	50 or more
General Manager	$30,900	$41,902	$50,627	$60,902	$67,740	$99,951
Assistant General Manager	23,520	34,050	39,400	52,550	57,211	81,234
Chief Engineer	25,000	31,309	41,162	50,174	50,969	73,355
Director of Power Supply Planning	—	—	—	50,496	54,813	71,488
Steam Plant Superintendent*	22,551	30,168	37,500	46,653	50,952	64,826
Supervisory Engineer**	25,000	33,432	36,774	44,098	45,425	58,035
Line Division Superintendent***	23,817	31,227	35,778	44,681	47,746	60,377
Construction Superintendent	—	—	34,663	43,705	47,713	54,922
Chief Financial Manager	23,364	31,000	37,565	45,495	50,622	72,236
Chief Accountant	—	—	32,974	34,144	37,800	58,032
Rate Analyst	—	—	—	—	40,773	51,928
Personnel Director	—	—	33,902	39,600	43,449	60,444
Director of Customer Services	17,500	21,347	27,332	33,387	36,760	57,534
Data Processing Manager	—	—	30,948	36,762	41,800	59,930
Communications Director	—	—	27,789	31,689	35,178	54,553
Staff Legal Counsel	—	—	—	51,840	55,507	78,225

Notes:
* Production superintendent for utilities with $10 million or less in electric revenues are included in this occupational classification.
** Operations superintendent for utilities with $10 million or less in electric revenues are included in this occupational classification.
***Line superintendent for utilities with $10 million or less in electric revenues are included in this occupational classification.

dian salaries by customer size class.

The data show no clear trend between general manager salaries and number of utility services provided. About two-thirds of the respondents indicated that their utilities provide gas, water, sewer, wastewater or trash collection services in addition to electric power. When broken down by revenue class, median salaries of general managers in multiple utilities exceed the salaries of general managers in electric-only utilities in three revenue classes, while salaries of general managers of electric-only utilities exceed those of general managers in multiple-services utilities in the other three revenue classes, including the very smallest and the very largest. See Chart 1.

When examined by customer class, median salaries of general managers in electric-only utilities are higher than salaries of general managers in multiple utilities for the four lower customer classes. For the two higher customer classes, salaries are higher for general managers in multiple-service utilities. See Chart 2.

Caution should be used in interpreting the results because both revenue and customer classes are broadly defined. Salaries for utilities in the lower end of a given class are more likely to be below the median, while salaries for utilities at the higher end of the class are more likely to be above the median.

The complete report also shows the middle range for each category. The middle range shows the high and low salaries for the middle 50 percent of respondents. In other words, 25 percent of the respondents for each class had salaries below the middle range and 25 percent had salaries above the middle range. This measure gives a more accurate indication of salary distribution than the median value.

The complete report, *1990 Survey of Management Salaries in Local Publicly Owned Electric Utilities*, can be purchased from the American Public Power Association. Copies are available to APPA members for $25 and to others for $85. To order a copy write: Publications Department, American Public Power Association, 2301 M St. N.W., Washington, D.C. 20037-1484. ❑

Chart 1- General Manager Median Salaries (*multiple vs electric-only*) by Revenue Class

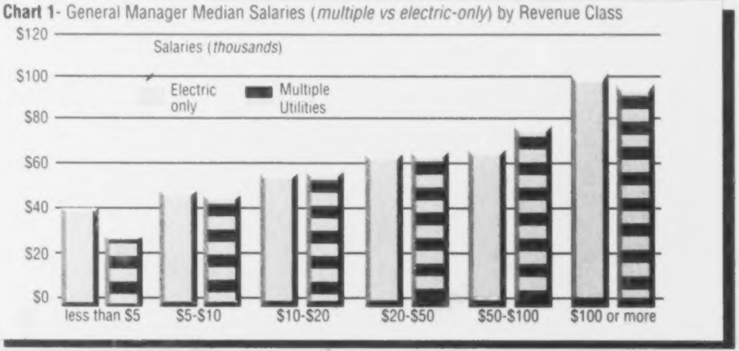
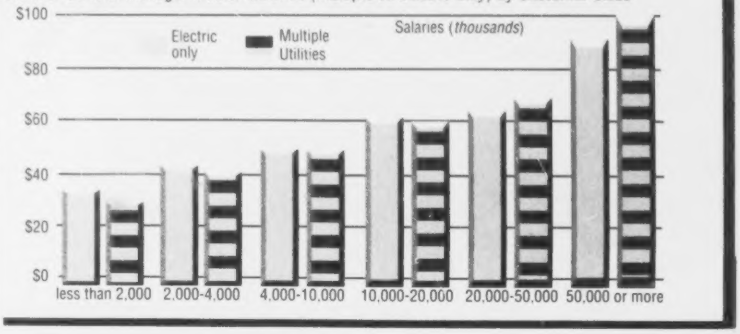


Chart 2- General Manager Median Salaries (*multiple vs electric-only*) by Customer Class



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ABOUT THE DIRECTORY

Public Power magazine's annual directory assumes a new stature this year. We on the editorial and economics and research staff of the American Public Power Association felt the value of the directory as a reference source would be enhanced if we were to package it with summaries of the major statistical projects undertaken by the economics and research staff. The major changes in this volume appear on the preceding pages, where readers will find reports on: how retail rates of private and public utilities compare (page 16), a state-by-state comparison of retail rates of public and private electric utilities (page 19), financial and operating ratios of public power systems (page 26), how in-lieu-of-tax contributions of public power systems compare to local taxes paid by private power companies (page 32), and average management salaries for public power systems, based on utility size (page 34).

The following pages, providing sales and revenue data for 1989, look very much like they have for the past two years. Once again, we used as our basic data source the U.S. Energy Information Administration's Form 861 and, for generating capacity, EIA Form 860. In some instances we called utility officials to obtain data if the federal forms were not located. We also corrected obvious errors on the EIA forms—the most frequent such error being transposition of generation and purchase figures (utilities that own no generating capacity reported MWh purchases on the line for generation).

The data reported for local utilities have been enhanced in two ways this year. Where applicable, we are providing a breakdown of power purchases from utilities and nonutilties. The latter category includes small power production facilities, cogenerators and independent power producers—not federal power agencies, which are utilities. Also, where applicable, we have published a breakdown of wholesale and retail sales and revenues. Data are reported in this way on the EIA 861. In the past, we provided only aggregates.

The count of utilities that appears at right—reflecting the number of public power systems at the end of 1990—shows a slight decline in the number of local publicly owned electric utilities from a year ago. Three irrigation districts in Arizona have been dropped from our listing because they do not distribute electricity and therefore do not report electric purchase, sales and revenue data to EIA. The Franklin County Rural Public Power District in Nebraska was merged into the Southern Nebraska Rural Public Power District on Sept. 1, 1990. The city of Lubec, Maine, sold its electric distribution system to Bangor Hydro-Electric Co. in August 1990. The numbers at right indicate the number of local public power systems at the end of 1990. Data reported in our state-by-state listings are for 1989, therefore, the Franklin County RPPD and Lubec appear in our listing for one more year.

Compilation of the 1990 directory, once a dreadful, tedious task, has become the product of a well-oiled machine thanks to a superb team of American Public Power Association staff and the efficiencies of data processing. Most of the staff members who participated in the production of this directory issue are veterans of this project: John Kelly, director of economics and research; Lorel Wisniewski, former staff economist; Salmi Rezvani, manager of statistics; Donna Baranik, statistical assistant; Susan Lynch, membership records manager; Mary Kate Wallace, editorial assistant; Jeannine Anderson, associate editor (who compiled the municipal cable section); and Mary Rufe, librarian (who compiled the index to *Public Power* magazine). Diane Moody replaced Lorel Wisniewski as staff economist in November and slipped effortlessly into the workings of our "machine." Each of these people contributed enormously to completion of this project. It is a privilege and a delight to work with a group whose members are, without exception, intelligent, reliable, and thorough in their work. The result is a dependable source of information for our readers.

Best wishes for 1991,

Jeanne
LaBella

Jeanne LaBella
Editor & Publisher

STATE AND LOCAL PUBLICLY OWNED ELECTRIC UTILITIES -1990

Alabama	36
Alaska	**25**
American Samoa	1
Arizona	**31**
Arkansas	15
California	**42**
Colorado	29
Connecticut	**6**
Delaware	9
Florida	**33**
Georgia	52
Guam	**1**
Idaho	11
Illinois	**41**
Indiana	72
Iowa	**138**
Kansas	122
Kentucky	**30**
Louisiana	21
Maine	**5**
Maryland	5
Massachusetts	**40**
Michigan	41
Minnesota	**126**
Mississippi	23
Missouri	**89**
Montana	2
Nebraska	**158**
Nevada	8
New Hampshire	**5**
New Jersey	9
New Mexico	**7**
New York	49
North Carolina	**73**
North Dakota	11
Ohio	**84**
Oklahoma	63
Oregon	**17**
Pennsylvania	35
Puerto Rico	**1**
Rhode Island	1
South Carolina	**22**
South Dakota	34
Tennessee	**63**
Texas	79
Utah	**40**
Vermont	15
Virgin Islands	**1**
Virginia	16
Washington	**42**
West Virginia	2
Wisconsin	**82**
Wyoming	13
Joint Action Agencies	**63**
Total	2,039

20 Largest State & local Publicly Owned Electric Systems

ELECTRIC CUSTOMERS SERVED—1989 (Ultimate customers served.)

1. Los Angeles Department of Water and Power	1,335,523
2. Puerto Rico Electric Power Authority	**1,147,750**
3. Salt River Project, Phoenix	519,249
4. San Antonio, Texas, City Public Service	**465,990**
5. Sacramento, Calif., Municipal Utility District	434,169
6. Memphis, Tenn., Light, Gas & Water Division	**352,879**
7. Seattle City Light	319,582
8. Jacksonville, Fla., Electric Authority	**289,933**
9. Nashville, Tenn., Electric Service	261,390
10. Austin, Texas, Electric Utility	**257,750**
11. Omaha Public Power District, Neb.	245,165
12. Snohomish County, Wash., Public Utility District	**193,132**
13. Chattanooga, Tenn., Electric Power Board	149,371
14. Orlando, Fla., Utilities Commission	**146,031**
15. Knoxville, Tenn., Utilities Board	145,952
16. Colorado Springs, Colo. Public Utilities Department	**143,609**
17. Tacoma, Wash., City Light	125,811
18. Nebraska Public Power District	**105,913**
19. Huntsville, Ala., Utilities	104,340
20. Anaheim, Calif., Utilities	**99,458**

ELECTRIC REVENUES—1989 (Revenues from sales to ultimate customers and from sales for resale.)

1. Los Angeles Department of Water and Power	$1,754,251,000
2. New York Power Authority	**1,156,753,000**
3. Salt River Project	1,096,805,000
4. Puerto Rico Electric Power Authority	**1,032,881,000**
5. San Antonio,Texas, City Public Service	669,277,000
6. Jacksonville, Fla., Electric Authority	**619,068,000**
7. Memphis, Tenn., Light, Gas & Water Division	591,277,000
8. Sacramento, Calif., Municipal Utility District	**582,681,000**
9. South Carolina Public Service Authority	549,578,000
10. Nashville, Tenn., Electric Service	**509,217,000**
11. Municipal Electric Authority of Georgia	510,489,000
12. Intermountain Power Agency, Utah	**472,979,000**
13. Washington Public Power Supply System	458,039,000
14. Nebraska Public Power District	**451,899,000**
15. North Carolina Municipal Power Agency No. 1	429,098,000
16. Austin, Texas, Electric Utility	**386,857,000**
17. Omaha Public Power District, Neb.	370,689,000
18. North Carolina Eastern Municipal Power Agency	**357,893,000**
19. Lower Colorado River Authority	292,931,000
20. Seattle City Light	**281,361,000**

KILOWATT-HOUR SALES—1989 (Sales to ultimate customers and sales for resale)

1. New York Power Authority	38,206,873,000
2. Los Angeles Department of Water and Power	**21,949,478,000**
3. Salt River Project, Phoenix	17,171,976,608
4. South Carolina Public Service Authority	**13,321,460,000**
5. Nebraska Public Power District	12,857,222,000
6. Puerto Rico Electric Power Authority	**12,272,717,000**
7. San Antonio, Texas, City Public Service	11,601,097,000
8. Jacksonville, Fla., Electric Authority	**10,809,333,000**
9. Memphis, Tenn., Light, Gas & Water Division	10,690,558,000
10. Intermountain Power Agency	**10.376,890,000**
11. Nashville, Tenn. Electric Service	9,533,241,000
12. Chelan County, Wash., Public Utility District	**8,795,955,000**
13. Seattle City Light	8,730,496,000
14. Municipal Electric Authority of Georgia	**8,681,664,000**
15. Grant County, Wash., Public Utility District	8,363,720,000
16. North Carolina Municipal Power Agency No. 1	**8,321,206,000**
17. Lower Colorado River Authority	8,137,337,000
18. Sacramento, Calif., Municipal Utility District	**7,950,307,000**
19. Omaha Public Power District, Neb.	6,416,780,000
20. Austin, Texas, Electric Utility	**6,415,456,000**

U.S. ELECTRIC UTILITY STATISTICS

Local public systems statistics are based on data collected from Energy Information Administration Forms 860 and 861 and supplemented by an APPA survey. Private company statistics are based on preliminary data released by the Edison Electric Institute. REA data are from the *1989 Statistical Report, Rural Electric Borrowers,* published by the U.S. Rural Electrification Administration. Federal statistics are based on data from EIA Forms 860 and 861.

Number of Utilities (1989)

Private power companies	265
Local publicly owned systems	1,981
Publicly owned joint action agencies	63
Rural electric borrowers (includes 888 distribution cooperatives and 61 generation and transmission systems	949
Federal power agencies**	10*

*Includes Alaska Power Administration, Bonneville Power Administration, Southeastern Power Administration, Southwestern Power Administration, Western Area Power Administration, Tennessee Valley Authority, U.S. Corps of Engineers, Bureau of Reclamation, Department of Interior and International Boundaries and Water Commission.

NUMBER OF ULTIMATE CUSTOMERS	1989	Percent
Local public systems	16,156,441	14.7
Private	83,021,078	75.5
REA borrowers	10,843,996	9.8
Federal*	383	*
TOTAL	10,021,898	100.0

* Less than 0.01 percent.

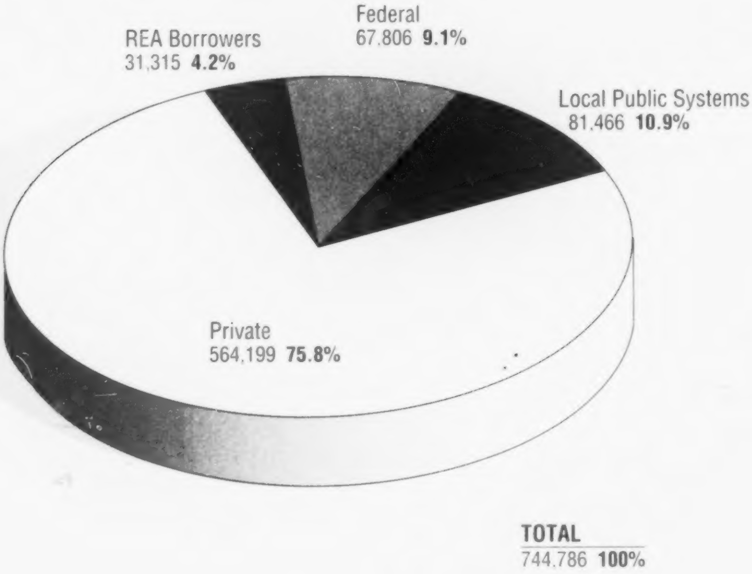
KILOWATT-HOUR SALES TO ULTIMATE CUSTOMERS (in millions of kWh)	1989	Percent
Local public systems	387,426	14.6
Private	2,018,379	76.4
REA borrowers	184,717	7.0
Federal	52,179	2.0
TOTAL	2,642,701	100.0

ELECTRIC OPERATING REVENUES (in thousands of dollars, from ultimate customers)	1989	Percent
Local public systems	$22,890,800	13.4
Private	133,211,782	78.1
REA borrowers	12,628,618	7.4
Federal	1,890,394	1.1
TOTAL	$170,621,594	100.0

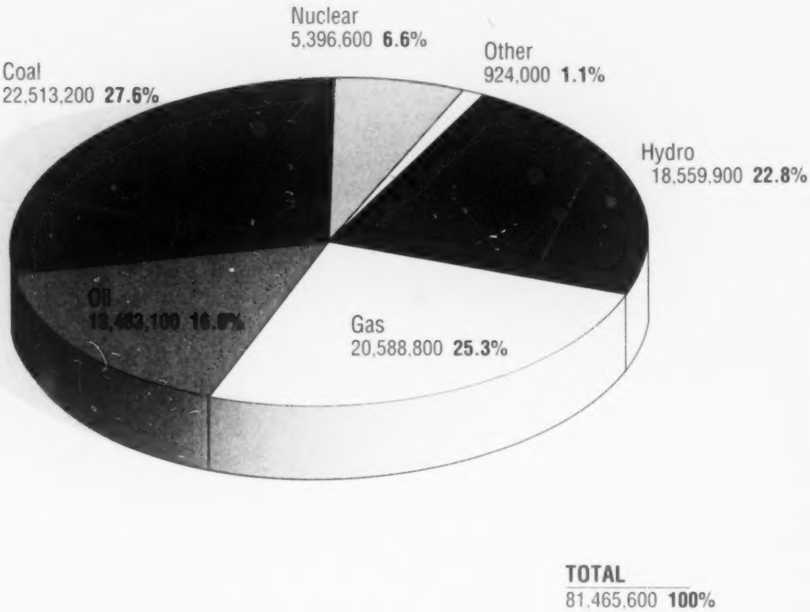
INSTALLED CAPACITY (in thousands of kilowatts)	1989	Percent
Local public systems	81,466	10.9
Private	564,199	75.8
REA borrowers	31,315	4.2
Federal	67,806	9.1
TOTAL	744,786	100.0

KILOWATT-HOUR GENERATION (in millions of kWh)	1989	Percent
Local public systems	322,304	11.1
Private	2,188,497	75.3
REA borrowers	154,165	5.3
Federal	241,135	8.3
TOTAL	2,906,101	100.0

Installed Capacity, 1989 (in thousands of kilowatts)



Installed Generating Capacity of U.S. Public Power Systems



Alabama

(Systems designated (TVA) are distributors of Tennessee Valley Authority power and purchase all of their power from TVA.)

Albertville, City of*
Box 130
Albertville, Ala. 35950
(205) 878-3761
David Scarbrough, General Manager
customers: 7,788
1989 MWh generated: 0
1989 MWh purchased: 382,000 (TVA)
1989 MWh sold: 372,000
1989 revenues: $19,175,000
established 1938

Alexander City, City of+ *
Russell Road, Box 637
Alexander City, Ala. 35010
(205) 329-8426
Lamar Hunter, Superintendent
customers: 6,309
1989 MWh generated: 0
1989 MWh purchased: 109,932
1989 MWh sold: 105,550
1989 revenues: $6,102,000
established 1930

Andalusia Utilities Department
Box 790
Andalusia, Ala. 36420
(205) 222-1332
Joe Traywick, Director of Utilities
customers: 4,452
1989 MWh generated: 0
1989 MWh purchased: 220,563
1989 MWh sold: 213,027
1989 revenues: $8,167,000
established 1944

Athens, City of
Box 1089
Athens, Ala. 35611
(205) 232-1440
T. T. Craven, General Manager
customers: 25,441
1989 MWh generated: 0
1989 MWh purchased: 585,014 (TVA)
1989 MWh sold: 541,804
1989 revenues: $30,629,000
established 1935

Bessemer, City of*
1600 First Ave.
Bessemer, Ala. 35020
(205) 424-2304
Office Manager
customers: 12,793
1989 MWh generated: 0
1989 MWh purchased: 304,127 (TVA)
1989 MWh sold: 289,560
1989 revenues: $15,742,000
established 1939

Brundidge, City of
Box 338
Brundidge, Ala. 36010
(205) 735-2321
Jack V. Taylor, Manager
customers: 1,313
1989 MWh generated: 0
1989 MWh purchased: 27,000
1989 MWh sold: 23,000
1989 revenues: $1,651,000
established 1950

Courtland, City of
Box 160
Courtland, Ala. 35618
(205) 637-2707
Denzel Reding, Superintendent
customers: 806
1989 MWh generated: 0
1989 MWh purchased: 16,008 (TVA)
1989 MWh sold: 15,268
1989 revenues: $940,000
established 1935

Cullman Power Board*
204 Second Ave., Drawer 927
Cullman, Ala. 35056
(205) 734-2343
Jim Garrett, General Manager
customers: 7,944
1989 MWh generated: 0
1989 MWh purchased: 285,475 (TVA)
1989 MWh sold: 271,422
1989 revenues: $15,060,000
established 1947

Decatur Utilities
110 Johnson St. S.E., Box 2232
Decatur, Ala. 35609
(205) 552-1440
George Godwin, General Manager
customers: 22,581
1989 MWh generated: 0
1989 MWh purchased: 1,302,350 (TVA)
1989 MWh sold: 1,264,480
1989 revenues: $57,026,000
established 1939

Dothan, City of+ *
3100 S. Park Ave., Box 2128
Dothan, Ala. 36301
(205) 671-1622
James C. Kilgore, Superintendent
customers: 24,651
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 829,824
  from nonutilities: 22,653
1989 MWh sold: 817,074
1989 revenues: $45,230,000
established 1903

Elba, City of
200 Buford St.
Elba, Ala. 36323
(205) 897-2261
Ed Compton, Superintendent
customers: 3,968
1989 MWh generated: 0
1989 MWh purchased: 45,718
1989 MWh sold: 39,884
1989 revenues: $2,809,000

Evergreen, City of
Box 229
Evergreen, Ala 36401
(205) 578-1574
Curtis Hamilton, City Administrator
customers: 1,899
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 48,000
  from nonutilities: 5,000
1989 MWh sold: 46,000
1989 revenues: $2,855,000

Fairhope, City of+ *
161 N. Section St., Drawer 429
Fairhope, Ala. 36533
(205) 928-2136
Aaron Norris, Superintendent
customers: 4,086
1989 MWh generated: 0
1989 MWh purchased: 91 908
1989 MWh sold: 83,720
1989 revenues: $5,141,000
established 1923

Florence, City of*
110 W. College St., Box 877
Florence, Ala. 35631
(205) 760-6440
Howard McClanahan, Manager
customers: 37,075
1989 MWh generated: 0
1989 MWh purchased: 937,000 (TVA)
1989 MWh sold: 855,000
1989 revenues: $51,093,000
established 1936

Fort Payne Improvement Authority
118 Godfrey Ave. S.E.
Fort Payne, Ala. 35967
(205) 845-0671
Steve Sax, Manager
customers: 6,960
1989 MWh generated: 0
1989 MWh purchased: 245,622 (TVA)
1989 MWh sold: 232,786
1989 revenues: $13,675,000
established 1940

Guntersville Electric Board*
325 Gunter Ave.
Guntersville, Ala. 35976
(205) 582-5691
Gary D. Scroggins, Manager
customers: 5,254
1989 MWh generated: 0
1989 MWh purchased: 194,179 (TVA)
1989 MWh sold: 184,169
1989 revenues: $10,605,000
established 1933

Hartford, City of
203 W. Main St.
Hartford, Ala. 36344
(205) 588-2245
H. R. Lee, Superintendent
customers: 1,333
1989 MWh generated: 0
1989 MWh purchased: 23,869
1989 MWh sold: 21,212
1989 revenues: $1,267,000

City of Hartselle Utilities
113 N. Sparkman St., Box 968
Hartselle, Ala. 35640
(205) 773-2588
Kenneth Sharrott Jr., Manager
customers: 4,236
1989 MWh generated: 0
1989 MWh purchased: 121,000 (TVA)
1989 MWh sold: 111,510
1989 revenues: $6,513,000
established 1962

Huntsville Utilities*
112 Spragins St., Box 2048
Huntsville, Ala. 35804
(205) 535-1200
Edward E. Cobb, President
customers: 104,340
1989 MWh generated: 0
1989 MWh purchased: 3,355,153 (TVA)
1989 MWh sold: 3,185,576
1989 revenues: $170,084,000
established 1940

Lafayette, City of+ *
Box 87
Lafayette, Ala. 36862
(205) 864-9581
Gene Lamb, Electrical Superintendent
customers: 1,340
1989 MWh generated: 0
1989 MWh purchased: 24,228
1989 MWh sold: 20,134
1989 revenues: $1,353,000
established 1911

Lanett, City of+ *
401 N. Lanier Ave.
Lanett, Ala. 36863
(205) 644-2141
Ross Whitman, Superintendent of Utilities
customers: 3,259
1989 MWh generated: 0
1989 MWh purchased: 48,195
1989 MWh sold: 43,307
1989 revenues: $2,816,000

Luverne, City of+ *
106 E. Fifth St.
Luverne, Ala. 36049
(205) 335-3741
Bobby Langford, Superintendent
customers: 1,574
1989 MWh generated: 0
1989 MWh purchased: 36,288
1989 MWh sold: 32,069
1989 revenues: $1,844,000

Muscle Shoals Electric Board*
1000 Avalon Ave., Box 2547
Muscle Shoals, Ala. 35660
(205) 386-9290
Rickey J. Thomas, Manager
customers: 4,910
1989 MWh generated: 0
1989 MWh purchased: 175,746 (TVA)
1989 MWh sold: 168,250
1989 revenues: $9,973,000
established 1933

Opelika, City of+ *
1010 Ave. C, Box 390
Opelika, Ala. 36802
(205) 745-4681
Mark Ennis, Director of Light & Power
customers: 10,026
1989 MWh generated: 0
1989 MWh purchased: 313,401
1989 MWh sold: 298,325
1989 revenues: $20,608,000
established 1910

Opp, City of
106 N. Main St.
Opp, Ala. 36467
(205) 493-4571
Charles D. McGowan, Manager
customers: 3,658
1989 MWh generated: 0
1989 MWh purchased: 68,216
1989 MWh sold: 63,664
1989 revenues: $4,355,000
established 1943

Piedmont, City of+ *
109 N. Center Ave., Box 112
Piedmont, Ala. 36272
(205) 447-9007
Brent Morrison, City Administrator
customers: 3,449
1989 MWh generated: 0
1989 MWh purchased: 133,983
1989 MWh sold: 130,642
1989 revenues: $2,232,000

Riviera Utilities+ *
413 E. Laurel Ave., Drawer 550
Foley, Ala. 36536
(205) 943-5001
H. Sewell St. John Jr., General Manager
customers: 19,338
1989 MWh generated: 0
1989 MWh purchased: 420,658
1989 MWh sold: 392,477
1989 revenues: $26,480,000
established 1941

Robertsdale, City of
Box 429
Robertsdale, Ala. 36567
(205) 947-2144
Paul N. Edhegard, Superintendent of Utilities
customers: 1,433
nameplate capacity (kW): unavailable
1989 MWh generated: 35,000
1989 MWh purchased: 0
1989 MWh sold: 29,000
1989 revenues: $1,837,000
established 1924

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

ALABAMA *(continued)*

Russellville, City of
400 N. Jackson Ave., Box 1148
Russellville, Ala. 35653
(205) 332-3850
Ralph Bishop, Manager
customers: 4,232
1989 MWh generated: 0
1989 MWh purchased: 106,300 (TVA)
1989 MWh sold: 99,700
1989 revenues: $5,941,000
established 1938

Scottsboro Electric Power Board*
Box 550
Scottsboro, Ala. 35768
(205) 574-2680
E. Gene Rose, Manager
customers: 7,467
1989 MWh generated: 0
1989 MWh purchased: 302,733 (TVA)
1989 MWh sold: 289,913
1989 revenues: $14,605,000
established 1938

Sheffield Utilities*
300 N. Nashville Ave., Box 580
Sheffield, Ala. 35660
(205) 389-2000
Jimmy Barnett, General Manager
customers: 18,367
1989 MWh generated: 0
1989 MWh purchased: 400,067 (TVA)
1989 MWh sold: 372,785
1989 revenues: $22,379,000
established 1936

Sylacauga, City of+ *
225 N. Norton Ave., Box 207
Sylacauga, Ala. 35150
(205) 249-8501
Dale H. Baker, General Manager
customers: 5,602
1989 MWh generated: 0
1989 MWh purchased: 161,287
1989 MWh sold: 150,556
1989 revenues: $9,075,000
established 1955

Tarrant City, City of
1000 Ford Ave., Box 6536
Tarrant City, Ala. 35217
(205) 841-1721
Robert Burns, Manager
customers: 3,793
1989 MWh generated: 0
1989 MWh purchased: 82,000 (TVA)
1989 MWh sold: 72,000
1989 revenues: $5,095,000
established 1933

Troy, City of
Box 549
Troy, Ala. 36081
(205) 566-2130
Lane Linton, Utilities Engineer
customers: 5,609
1989 MWh generated: 0
1989 MWh purchased: 200,880
1989 MWh sold: 177,857
1989 revenues: $9,973,000
established 1895

Tuscumbia, City of+ *
202 E. Sixth St., Box 269
Tuscumbia, Ala. 35674
(205) 383-0321
Charles P. Ricks, Manager
customers: 3,791
1989 MWh generated: 0
1989 MWh purchased: 90,529 (TVA)
1989 MWh sold: 87,180
1989 revenues: $4,992,000
established 1937

Tuskegee, City of+ *
101 Fonville St.
Tuskegee, Ala. 36083
(205) 727-6227
Vernon Presley, Superintendent
customers: 7,128
1989 MWh generated: 0
1989 MWh purchased: 130,784
1989 MWh sold: 117,050
1989 revenues: $7,938,000
established 1937

Alaska

Akutan Electric Utility
General Delivery
Akutan, Alaska 99553
(907) 698-2228
Tom McGlashan, Power Plant Manager
customers: 39
nameplate capacity (kW): unavailable
1989 MWh generated: 242
1989 MWh purchased: 0
1989 MWh sold: 158
1989 revenues: $59,000
established 1982

Alaska Energy Authority+ *
701 E. Tudor Rd., Box 190869
Anchorage, Alaska 99519-0869
(907) 561-7877
Robert E. LeResche, Executive Director
customers: unavailable
nameplate capacity (kW): hydro: 74,000
1989 MWh generated: 266,288
1989 MWh purchased: 0
1989 MWh sold: wholesale: 244,987
1989 revenues: wholesale: $10,504,000
established 1976

Anchorage, Municipality of*
1200 E. First Ave.
Anchorage, Alaska 99501
(907) 279-7671
Thomas R. Stahr, Manager
customers: 29,019
nameplate capacity (kW): gas: 301,600; oil: 2,200; other: 33,000
1989 MWh generated: 817,080
1989 MWh purchased: 96,389
1989 MWh sold: retail: 774,719
wholesale: 83,586
1989 revenues: retail: $66,517,000
wholesale: $3,098,000
established 1932

Chefornak, City of
Box 11
Chefornak, Alaska 99561
(907) 867-8528
customers: 80
nameplate capacity (kW): unavailable
1989 MWh generated: 332
1989 MWh purchased: 0
1989 MWh sold: 332
1989 revenues: $130,000

Chignik, City of
General Delivery
Chignik, Alaska 99564
(907) 749-2280
Walton Smith, City Administrator
customers: 58
nameplate capacity (kW): unavailable
1989 MWh generated: 415
1989 MWh purchased: 0
1989 MWh sold: 407
1989 revenues: $109,000
established 1981

Fairbanks Municipal Utilities System
645 Fifth Ave., Box 2215
Fairbanks, Alaska 99707
(907) 456-1000
Martin Lanum, Utility Superintendent
customers: 6,104
nameplate capacity (kW): coal: 28,500; oil: 25,300
1989 MWh generated: 112,823
1989 MWh purchased: 36,419
1989 MWh sold: retail: 145,619
wholesale: 266
1989 revenues: retail: $13,212,000
wholesale: $12,000
established 1949

Galena, City of
Box 149
Galena, Alaska 99741
(907) 656-1301
Ross Klooster, Manager
customers: 300
nameplate capacity (kW): unavailable
1989 MWh generated: 3
1989 MWh purchased: 0
1989 MWh sold: 2,000
1989 revenues: $720,000
established 1985

Ketchikan Public Utilities
2930 Tongass Ave.
Ketchikan, Alaska 99901
(907) 225-1000
Thomas W. Stevenson, General Manager
customers: 6,548
nameplate capacity (kW): hydro: 51,420; oil: 17,450
1989 MWh generated: 73,203
1989 MWh purchased: 54,378
1989 MWh sold: 127,250
1989 revenues: $8,626,000
established 1935

King Cove, City of
Box 37
King Cove, Alaska 99612
(901) 497-2340
Cynthia Samuelson, Administrative Officer
customers: 185
nameplate capacity (kW): unavailable
1989 MWh generated: 2,022
1989 MWh purchased: 0
1989 MWh sold: 1,676
1989 revenues: $335,000
established 1950

Klukwan Electric Utilities
Box 210
Haines, Alaska 99827
(907) 767-5505
William Hotch, Manager
customers: 35
nameplate capacity (kW): unavailable
1989 MWh generated: 404
1989 MWh purchased: 0
1989 MWh sold: 378
1989 revenues: $53,000
established 1968

Kotlik, City of
Box 92543
Kotlik, Alaska 99620
(907) 899-4111
Benny Kamkoff, Manager
customers: 122
nameplate capacity (kW): unavailable
1989 MWh generated: 500
1989 MWh purchased: 0
1989 MWh sold: 826
1989 revenues: retail: $207,000
wholesale: $52,000
established 1982

Kuiggluum Kallugvia
c/o Kwethluk, Inc., Box 80
Kwethluk, Alaska 99621
(907) 757-6613
Paul George Guy, Business Manager
customers: 145
nameplate capacity (kW): unavailable
1989 MWh generated: 745
1989 MWh purchased: 0
1989 MWh sold: 691
1989 revenues: $318,000
established 1977

Larsen Bay, City of
Box 126
Larsen Bay, Alaska 99624
(907) 847-2211
Joe D. Katelnikoff, Manager
customers: 62
nameplate capacity (kW): unavailable
1989 MWh generated: 344
1989 MWh purchased: 0
1989 MWh sold: 344
1989 revenues: $138,000
established 1984

Manokotak, City of
Box 65
Manokotak, Alaska 99628
(907) 289-1062
Nels C. Franklin, President
customers: 125
nameplate capacity (kW): unavailable
1989 MWh generated: 648
1989 MWh purchased: 0
1989 MWh sold: 0
1989 revenues: $199,000
established 1976

Metlakatla Power & Light
Box 359
Metlakatla, Alaska 99926
(907) 886-6661
Aavo Taaler, General Manager
customers: 750
nameplate capacity (kW): hydro: 5,000; oil: 4,000
1989 MWh generated: 23,167
1989 MWh purchased: 0
1989 MWh sold: 20,825
1989 revenues: $1,854,000
established 1927

Nome Joint Utility Systems
Fifth Ave. W and K St., Box 70
Nome, Alaska 99762
(907) 443-5288
Joe M. Murphy, General Manager
customers: 1,882
nameplate capacity (kW): oil: 11,600
1989 MWh generated: 27,459
1989 MWh purchased: 0
1989 MWh sold: 24,740
1989 revenues: $4,016,000
established 1960

North Slope Borough Department of Municipal Services
Box 69
Barrow, Alaska 99723
(907) 852-2611
Jacob Kagak, Director
customers: 823
nameplate capacity (kW): unavailable
1989 MWh generated: 13,600
1989 MWh purchased: 0
1989 MWh sold: 9,900
1989 revenues: $1,667,000
established 1979

Petersburg, City of
11 S. Nordic Drive, Box 329
Petersburg, Alaska 99833
(907) 772-4203
Dennis Lewis, Superintendent
customers: 1,731
nameplate capacity (kW): hydro: 1,600; oil: 5,700
1989 MWh generated: 9,022
1989 MWh purchased: 20,737
1989 MWh sold: 27,054
1989 revenues: $2,670,000
established 1924

St. Paul Municipal Electric Utility
Mail Pouch #1
St. Paul, Alaska 99660
(907) 546-2331
Vern McCorkel, City Manager
customers: 186

nameplate capacity (kW): unavailable
1989 MWh generated: 3,351
1989 MWh purchased: 0
1989 MWh sold: 2,498
1989 revenues: $905,000
established 1983

Seward, City of
Box 167
Seward, Alaska 99664
(907) 224-3331
Everett Diener, Manager of Utilities
customers: 1,189
nameplate capacity (kW): oil: 10,500
1989 MWh generated: 240
1989 MWh purchased: 46,842
1989 MWh sold: 32,955
1989 revenues: $4,319,000
established 1955

Sitka, City & Borough of
304 Lake St., Room 112
Sitka, Alaska 99835
(907) 747-3294
Greg Grissom, Superintendent
customers: 3,958
nameplate capacity (kW): hydro: 24,600; oil: 8,700
1989 MWh generated: 88,803
1989 MWh purchased: 0
1989 MWh sold: retail: 81,729
wholesale: 1,535
1989 revenues: $6,034,000
established 1941

Thorne Bay, City of
Box 110
Thorne Bay, Alaska 99919
(907) 828-3380
Neil J. Trautman, Director of Public Works
customers: 306
nameplate capacity (kW): unavailable
1989 MWh generated: 2,878
1989 MWh purchased: 0
1989 MWh sold: 1,967
1989 revenues: $413,000
established 1983

Tlingit Haida Regional Electric Authority
Box 210149
Auke Bay, Alaska 99821-0149
(907) 789-3196
Jarrett D. Broughton, General Manager
customers: 1,030
nameplate capacity (kW): unavailable
1989 MWh generated: 9,055
1989 MWh purchased: 2,311
1989 MWh sold: 10,034
1989 revenues: $3,135,000
established 1977

Unalaska, City of
Box 89
Unalaska, Alaska 99685
(907) 581-1260
Jim Taylor, Electric Administrator
customers: 520
nameplate capacity (kW): oil: 7,000
1989 MWh generated: 22,412
1989 MWh purchased: 0
1989 MWh sold: 20,722
1989 revenues: $2,631,000
established 1961

Wrangell, City of
Box 531
Wrangell, Alaska 99929
(907) 874-2381
Frank Fields, Superintendent
customers: 1,198
nameplate capacity (kW): oil: 8,700
1989 MWh generated: 54
1989 MWh purchased: 25,609
1989 MWh sold: 25,609
1989 revenues: $1,427,000

American Samoa

American Samoa Power Authority+ *
Box PPB
Pago Pago, A.S. 96799
(684) 644-5251
Abe U. Malae, Executive Director
customers: 8,643
nameplate capacity (kW): unavailable
1989 MWh generated: 100,368
1989 MWh purchased: 0
1989 MWh sold: 85,474
1989 revenues: $12,983,000

Arizona

Aguila Irrigation District
Box 263
Aguila, Ariz. 85320
Henry Brubaker
customers: 19
1989 MWh generated: 0
1989 MWh purchased: 23,676
1989 MWh sold: 25,025
1989 revenues: $986,000

Arizona Power Authority+ *
1810 W. Adams St., Box 6708
Phoenix, Ariz. 85005
(602) 542-4263
Dave Onstad, Administrator
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: 950,653
1989 MWh sold: wholesale: 916,029
1989 revenues: wholesale: $17,310,000
established 1944

Avra Valley Irrigation & Drainage District
Box 97
Marana, Ariz. 85653-0097
John Kai
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable

Colorado River Indian Irrigation Project
Box 9-C, Route 1
Parker, Ariz. 85344
(602) 669-6121
Peter N. Callac Jr., Electrical Engineer
customers: 3,446
1989 MWh generated: 0
1989 MWh purchased: 67,365
1989 MWh sold: 54,811
1989 revenues: $3,843,000

Fredonia, Town of
Box 217
Fredonia, Ariz. 86022
(602) 643-7241
Barbara Kimball, Town Clerk
customers: 526
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1987

Harquahala Valley Power District
Star Route 2, Box 397
Buckeye, Ariz. 85326
Steve Pavich
customers: 25
1989 MWh generated: 0
1989 MWh purchased: 6,564
1989 MWh sold: 9,759
1989 revenues: $440,000

Maricopa Water District*
Box 260
Waddell, Ariz. 85355
(602) 975-2151
Joe A. Falbo, General Manager
customers: 134
1989 MWh generated: 0
1989 MWh purchased: 59,691
1989 MWh sold: 37,984
1989 revenues: $1,657,000
established 1927

Maricopa County, Electrical District No. 5 of
Box 1467
Mesa, Ariz. 85211
(602) 461-4630
Vern Nicholas, Attorney
customers: unavailable
1989 MWh generated: unavailable
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable

Maricopa County, Electrical District No. 7 of
County of Maricopa, Route 1, Box 662
Peoria, Ariz. 85345
(602) 935-6253
R. D. Justice, Vice Chairman/Manager
customers: 100
1989 MWh generated: 0
1989 MWh purchased: 57,116
1989 MWh sold: 58,432
1989 revenues: $1,707,000
established 1948

Maricopa County, Electrical District No. 8 of*
1001 N. Central Ave., #601
Phoenix, Ariz. 85004
(602) 258-8401
Douglas C. Nelson, Counsel
customers: 188
1989 MWh generated: 0
1989 MWh purchased: 103,089
1989 MWh sold: 97,847
1989 revenues: $4,587,000
established 1987

McMullen Valley Water Conservation & Drainage District
Box 21539
Wickenburg, Ariz. 85358
Mary Urrea
customers: 66
1989 MWh generated: 0
1989 MWh purchased: 19,021
1989 MWh sold: 22,326
1989 revenues: $1,156,000

Mesa, City of*
55 N. Center St., Box 1466
Mesa, Ariz. 85211-1466
(602) 644-2265
Richard R. Williams, Manager
customers: 14,351
1989 MWh generated: 0
1989 MWh purchased: 317,557
1989 MWh sold: retail: 299,943
wholesale: 1,338
1989 revenues: retail: $19,559,000
wholesale: $35,000
established 1917

Navajo Tribal Utility Authority+ *
Box 170
Fort Defiance, Ariz. 86504
(602) 729-5721
Malcolm P. Dalton, General Manager
customers: 21,820
1989 MWh generated: 0
1989 MWh purchased: 539,808
1989 MWh sold: 497,361
1989 revenues: $27,386,000
established 1966

Ocotillo Water Conservation District
Bogle Farms, Drawer 490
Chandler, Ariz. 85244-0490
Jackson Bogle, President
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable

Page Electric Utility*
Box 1955
Page, Ariz. 86040
(602) 645-2419
Wm. Kent Romney, General Manager
customers: 2,991
1989 MWh generated: 0
1989 MWh purchased: 62,974
1989 MWh sold: 59,145
1989 revenues: $4,382,000
established 1985

Papago Tribal Utility Authority
Box 816
Sells, Ariz. 85634
(602) 383-2236
Gerald D. Huey, General Manager
customers: 2,688
1989 MWh generated: 0
1989 MWh purchased: 132,826
1989 MWh sold: 127,036
1989 revenues: $6,341,000
established 1974

Pinal County, Electrical District No. 2 of+ *
Box 548
Coolidge, Ariz. 85228
(602) 723-5881
Thomas Martin, General Manager
customers: 2,488
1989 MWh generated: 0
1989 MWh purchased: 202,310
1989 MWh sold: 188,414
1989 revenues: $8,170,000
established 1926

Pinal County, Electrical District No. 3 of*
Box 870
Stanfield, Ariz. 85272
(602) 424-3337
O.L. "Van" Tenney, General Manager
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1961

Pinal County, Electrical District No. 4 of
231 S. Sunshine Blvd.
Eloy, Ariz. 85231
(602) 466-7336
James R. Sweeney, Manager
customers: 484
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 120,083
1989 MWh sold: 108,819
1989 revenues: $3,289,000
established 1936

Pinal County, Electrical District No. 5 of
Box 1008
Red Rock, Ariz. 85245
(602) 682-3442
William Woehlecke, Secretary/Manager

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

customers: 313
1989 MWh generated: 0
1989 MWh purchased: 86,020
1989 MWh sold: 77,814
1989 revenues: $1,979,000
established 1949

Pinal County, Electrical District No. 6 of
4444 N. 32nd St., Suite 200
Phoenix, Ariz. 85011
(602) 956-8878
Newell Barney, Secretary-Treasurer
customers: 175
1989 MWh generated: 0
1989 MWh purchased: 94,272
1989 MWh sold: 88,292
1989 revenues: $5,381,000
established 1965

Queen Creek Irrigation District
Box 690
Queen Creek, Ariz. 85242
(602) 987-3002
Dean Griffith, General Manager
customers: 32
1989 MWh generated: 0
1989 MWh purchased: 12,000
1989 MWh sold: 11,160
1989 revenues: $527,592
established 1923

Roosevelt Irrigation District
Box 95
Buckeye, Ariz. 85326
(602) 935-4271
Stanley Ashby, Superintendent
customers: 107
1989 MWh generated: 0
1989 MWh purchased: 57,764
1989 MWh sold: 18,510
1989 revenues: $1,103,000
established 1928

Safford Municipal Utilities*
717 Main St., Box 272
Safford, Ariz. 85548
(602) 428-2762
Charles B. Pratt, Director, Electrical Services
customers: 3,394
1989 MWh generated: 0
1989 MWh purchased: 43,610
1989 MWh sold: 39,090
1989 revenues: $3,536,000
established 1937

Salt River Project+ *
Box 52025
Phoenix, Ariz. 85072-2025
(602) 236-5900
A. J. Pfister, General Manager
customers: 519,249
nameplate capacity (kW): nuclear: 736,260; coal: 1,939,080; hydro: 238,200; gas: 1,392,200
1989 MWh generated: 16,732,062
1989 MWh purchased:
  from utilities: 1,403,464
  from nonutilities: 850
1989 MWh sold: retail: 14,297,376
  wholesale: 2,874,600
1989 revenues: retail: $1,014,728,000
  wholesale: $82,077,000
established 1903

San Carlos Irrigation Project U.S. Bureau of Indian Affairs
255 W. Roosevelt Ave., Box 250
Coolidge, Ariz. 85228
(602) 723-5439
Roger L. Cartee, Acting Power Manager
customers: 11,040
1989 MWh generated: 0
1989 MWh purchased: 302,017
1989 MWh sold: 256,332
1989 revenues: $17,524,000
established 1935

Silverbell Irrigation & Drainage District
7225 N. Oracle Road., #200 A
Tucson, Ariz. 85704-6324
(602) 297-6009
Werner G. Goering, President
customers: 1
1989 MWh generated: 0
1989 MWh purchased: 3,284
1989 MWh sold: 3,070
1989 revenues: $94,120

Thatcher, City of+ *
1130 College Ave.
Thatcher, Ariz. 85552
(602) 428-2290
Terry Hinton, Manager
customers: 915
1989 MWh generated: 0
1989 MWh purchased: 11,451
1989 MWh sold: 9,414
1989 revenues: $752,000
established 1946

Tonopah Irrigation District
Box 58
Tonopah, Ariz. 85354
Charles A. Ditsch, President
customers: 19
1989 MWh generated: 0
1989 MWh purchased: 10,177
1989 MWh sold: 11,394
1989 revenues: $602,000

Wellton-Mohawk Irrigation and Drainage District+ *
30570 Wellton-Mohawk Drive
Wellton, Ariz. 85356
(602) 785-3351
Clyde L. Gould, General Manager
customers: 2,927
1989 MWh generated: 0
1989 MWh purchased: 163,172
1989 MWh sold: 50,778
1989 revenues: $3,251,000
established 1942

Wickenburg, Town of
120 E. Apache St., Box 1269
Wickenburg, Ariz. 85358
(602) 684-5451
Ben J. Nardelli, Town Manager
customers: 1,186
1989 MWh generated: 0
1989 MWh purchased: 19,474
1989 MWh sold: 18,218
1989 revenues: $1,582,000
established 1947

Arkansas

Augusta, City of
100 S. Fourth St.
Augusta, Ark. 72006
(501) 347-2041
Ronald Stracenor, Manager
customers: 1,100
1989 MWh generated: 0
1989 MWh purchased: 15,721
1989 MWh sold: 14,224
1989 revenues: $978,000

Benton Municipal Light & Water Works
222 W. South St., Drawer 607
Benton, Ark. 72015-0607
(501) 778-2546
E. L. Cody, Operations Superintendent
customers: 7,769
nameplate capacity (kW): oil: 8,800
1989 MWh generated: 45
1989 MWh purchased: 135,711
1989 MWh sold: 120,532
1989 revenues: $10,048,000
established 1918

Bentonville, City of
115 W. Central Ave.
Bentonville, Ark. 72712
(501) 273-9061
Wallace Allen, Electrical Superintendent
customers: 4,964
1989 MWh generated: 0
1989 MWh purchased: 163,212
1989 MWh sold: 156,489
1989 revenues: $7,600,000
established 1902

Clarksville Light & Water Co.*
Box 99
Clarksville, Ark. 72830
(501) 754-3148
Hugh W. Harrison, General Manager
customers: 2,591
1989 MWh generated: 0
1989 MWh purchased: 103,843
1989 MWh sold: 91,520
1989 revenues: $4,583,000
established 1932

Conway Corp.*
1319 Prairie St., Box 99
Conway, Ark. 72032
(501) 450-6020
James H. Brewer, General Manager
customers: 11,472
nameplate capacity (kW): coal: 68,000
1989 MWh generated: 350,785
1989 MWh purchased: 38,049
1989 MWh sold: 337,498
1989 revenues: $18,359,000
established 1929

Hope Water & Light Commission+ *
N. Elm & Ave. B, Box 667
Hope, Ark. 71801
(501) 777-6701
James R. Kirchhoff, General Manager
customers: 7,195
1989 MWh generated: 0
1989 MWh purchased: 153,121
1989 MWh sold: 146,762
1989 revenues: $9,896,000
established 1910

Jonesboro City Water & Light*
400 E. Monroe St., Box 1289
Jonesboro, Ark. 72403-1289
(501) 935-5581
James A. Reed, Manager
customers: 19,990
nameplate capacity (kW): coal: 170,000
1989 MWh generated: 399,566
1989 MWh purchased:
  from utilities: 303,343
  from nonutilities: 237,348
1989 MWh sold: retail: 593,639
  wholesale: 298,642
1989 revenues: retail: $23,910,000
  wholesale: $6,314,000
established 1906

North Little Rock, City of*
Eighth & Main Sts., Box 159
North Little Rock, Ark. 72115
(501) 372-0100
Cathern Wilkins, General Manager
customers: 35,719
nameplate capacity (kW): hydro: 39,600
1989 MWh generated: 189,824
1989 MWh purchased: 554,645
1989 MWh sold: 706,628
1989 revenues: $51,546,000
established 1903

Osceola, City of*
316 W. Hale St.
Osceola, Ark. 72370
(501) 563-5245
Jack L. Wilson, Manager
customers: 3,459
1989 MWh generated: 0
1989 MWh purchased: 147,287
1989 MWh sold: 125,931
1989 revenues: $6,955,000
established 1928

Paragould Light & Water Commission*
303 W. Court St., Box 9
Paragould, Ark. 72451
(501) 239-7700
Larry Watson, Manager
customers: 12,110
1989 MWh generated: 0
1989 MWh purchased: 284,459
1989 MWh sold: 273,206
1989 revenues: $8,275,000
established 1938

Paris, City of
100 N. Express, Box 271
Paris, Ark. 72855
(501) 963-2450
James O'Bar, Manager
customers: 1,803
1989 MWh generated: 0
1989 MWh purchased: 44,000
1989 MWh sold: 35,000
1989 revenues: $2,018,000

Piggott Municipal Light, Water & Sewer+ *
411 N. Thornton
Piggott, Ark. 72454
(501) 598-2997
Teddy F. Bellers, Administrator
customers: 2,099
nameplate capacity (kW): oil: 7,600
1989 MWh generated: 14
1989 MWh purchased: 39,245
1989 MWh sold: 34,835
1989 revenues: $1,560,000
established 1923

Prescott, City of
118 W. Elm St.
Prescott, Ark. 71857
(501) 887-2210
Larry Stockton, General Manager
customers: 1,697
1989 MWh generated: 0
1989 MWh purchased: 24,461
1989 MWh sold: 20,500
1989 revenues: $1,947,000
established 1921

Siloam Springs, City of+ *
410 N. Broadway St., Box 80
Siloam Springs, Ark. 72761
(501) 524-5136
Stuart P. Thomas, Director of Public Works
customers: 4,101
1989 MWh generated: 0
1989 MWh purchased: 151,593
1989 MWh sold: 142,768
1989 revenues: $8,189,000
established 1901

West Memphis, City of
604 E. Cooper St.
West Memphis, Ark. 72301
(501) 735-3355
William H. Johnson, Manager
customers: 9,339
nameplate capacity (kW): coal: 34,000
1989 MWh generated: 175,392
1989 MWh purchased: 128,878
1989 MWh sold: 265,090
1989 revenues: $16,606,000

California

Alameda, City of+ *
Drawer H

Alameda, Calif. 94501
(415) 748-3901
William C. Lewis, General Manager
customers: 30,960
1989 MWh generated: 0
1989 MWh purchased: 493,399
1989 MWh sold: 474,632
1989 revenues: $39,184,000
established 1887

Anaheim, City of+ *
200 S. Anaheim Blvd., Box 3222
Anaheim, Calif. 92803
(714) 999-5100
Edward K. Aghjayan, General Manager
customers: 99,458
nameplate capacity (kW): nuclear: 71,230
1989 MWh generated: 427,776
1989 MWh purchased:
from utilities: 2,467,750
from nonutilities: 67
1989 MWh sold: retail: 2,220,231
wholesale: 34,234
1989 revenues: retail: $190,549,000
wholesale: $1,616,000
established 1894

Azusa, City of*
Box 9500
Azusa, Calif. 91702
(818) 334-0215
Joseph F. Hsu, Director of Utilities
customers: 13,770
nameplate capacity (kW): unavailable
1989 MWh generated: 15,718
1989 MWh purchased: 193,243
1989 MWh sold: 190,283
1989 revenues: $17,521,000
established 1898

Banning, City of*
176 E. Lincoln, Box 998
Banning, Calif. 92220
(714) 922-1245
Terry Collins, Public Utilities Director
customers: 7,518
nameplate capacity (kW): unavailable
1989 MWh generated: 514
1989 MWh purchased: 96,685
1989 MWh sold: 87,410
1989 revenues: $7,556,000
established 1923

Biggs, City of
464 B St.
Biggs, Calif. 95917
(916) 868-5493
Harold G. Mayfield, Director of Public Works
customers: 593
1989 MWh generated: 0
1989 MWh purchased: 6,897
1989 MWh sold: 5,732
1989 revenues: $482,000

Burbank Public Service Department+ *
164 W. Magnolia Blvd., Box 631
Burbank, Calif. 91503
(818) 953-9640
Ronald V. Stassi, General Manager
customers: 48,395
nameplate capacity (kW): gas: 252,600; other: 10,000
1989 MWh generated: 297,342
1989 MWh purchased:
from utilities: 829,710
from nonutilities: 4,057
1989 MWh sold: retail: 1,031,911
wholesale: 5,004
1989 revenues: retail: $83,106,000
wholesale: $134,000
established 1913

Calaveras County Water District*
Box 846
San Andreas, Calif. 95249
(209) 754-3543
Steve Felte, General Manager
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1947

California Department of Water Resources*
Box 942836
Sacramento, Calif. 94236-0001
(916) 445-6582
David N. Kennedy, Director
customers: unavailable
nameplate capacity (kW): hydro: 1,195,340; other: 55,000; coal: 183,060
1989 MWh generated: 5,035,573
1989 MWh purchased:
from utilities: 1,734,564
from nonutilities: 111,200
1989 MWh sold: wholesale: 1,099,173
1989 revenues: wholesale: $39,687,000
established 1956

Colton, City of+ *
650 N. La Cadena Drive
Colton, Calif. 92324
(714) 370-5104
Gale Drews, Electric Utility Director
customers: 14,611
nameplate capacity (kW): unavailable
1989 MWh generated: 4,710
1989 MWh purchased: 203,990
1989 MWh sold: 192,837
1989 revenues: $16,178,000
established 1895

East Bay Municipal Utility District*
2130 Adeline St., Box 24055
Oakland, Calif. 94623
(209) 772-1023
J. B. Gilbert, General Manager
customers: unavailable
nameplate capacity (kW): hydro: 34,400
1989 MWh generated: 91,601
1989 MWh purchased: 15,449
1989 MWh sold: wholesale: 89,617
1989 revenues: wholesale: $1,971,000
established 1923

Escondido, City of
Civic Center Plaza, 201 N. Broadway
Escondido, Calif. 92025
(619) 741-4661
Lola M. Rollins, Secretary
customers: 1
nameplate capacity (kW): hydro: 2,000
1989 MWh generated: 7,475
1989 MWh purchased: 0
1989 MWh sold: retail: 301
wholesale: 7,174
1989 revenues: retail: $4,000
wholesale: $487,000

Glendale, City of*
119 N. Glendale Ave.
Glendale, Calif. 91206
(818) 956-2107
Michael P. Hopkins, Director, Public Service
customers: 79,542
nameplate capacity (kW): gas: 198,500; oil: 44,000; other: 40,000
1989 MWh generated: 313,707
1989 MWh purchased: 692,485
1989 MWh sold: 920,145
1989 revenues: $74,185,000
established 1909

Gridley, City of
685 Kentucky St.
Gridley, Calif. 95948
(916) 846-5695
Evelene D. Payne, City Administrator
customers: 2,132
1989 MWh generated: 0
1989 MWh purchased: 29,000
1989 MWh sold: 28,500
1989 revenues: $1,942,000
established 1910

Hayfork Valley Public Utility District*
Highway 3, Box 356
Hayfork, Calif. 96041
(916) 628-4454
Fred Enockson, Electrical Superintendent
customers: 548
1989 MWh generated: 0
1989 MWh purchased: 6,338
1989 MWh sold: 5,836
1989 revenues: $473,000
established 1988

Healdsburg, City of*
Box 578
Healdsburg, Calif. 95448
(707) 433-8801
William Duarte, Electric Utility Director
customers: 4,517
1989 MWh generated: 0
1989 MWh purchased: 64,436
1989 MWh sold: 59,967
1989 revenues: $5,368,000
established 1900

Imperial Irrigation District*
333 E. Barioni Blvd., Box 937
Imperial, Calif. 92251
(619) 339-9477
Charles Shreves, General Manager
customers: 70,059
nameplate capacity (kW): hydro: 85,645; gas: 306,650; oil: 60,726
1989 MWh generated: 753,795
1989 MWh purchased: 1,315,600
1989 MWh sold: retail: 1,844,988
wholesale: 177
1989 revenues: retail: $130,954,000
wholesale: $7,000
established 1936

Kings River Conservation District*
4886 E. Jensen Ave.
Fresno, Calif. 93725
(209) 237-5567
Jeff L. Taylor, General Manager
customers: unavailable
nameplate capacity (kW): hydro: 165,000
1989 MWh generated: 135,280
1989 MWh purchased: 0
1989 MWh sold: wholesale: 135,280
1989 revenues: wholesale: $1,028,000
established 1951

Lassen Municipal Utility District*
Box 361
Susanville, Calif. 96130
(916) 257-4174
Don Battles, General Manager
customers: 9,500
1989 MWh generated: 0
1989 MWh purchased: 130,080
1989 MWh sold: 119,763
1989 revenues: $12,807,000
established 1988

Lodi, City of*
221 W. Pine St., Box 3006
Lodi, Calif. 95241-1910
(209) 333-6762
Henry J. Rice, Electric Utility Director
customers: 21,398
1989 MWh generated: 0
1989 MWh purchased: 358,843
1989 MWh sold: retail: 330,077
wholesale: 11,854
1989 revenues: $24,413,000
established 1910

Lompoc, City of*
100 Civic Center Plaza
Lompoc, Calif. 93438
(805) 736-1261
Gene L. Wahlers, City Administrator
customers: 13,773
1989 MWh generated: 0
1989 MWh purchased: 117,698
1989 MWh sold: 105,006
1989 revenues: $8,940,000
established 1923

Los Angeles, City of*
111 N. Hope St., Box 111
Los Angeles, Calif. 90051
(213) 481-4211
Daniel W. Waters, General Manager
customers: 1,335,523
nameplate capacity (kW): nuclear: 239,950; coal: 1,318,996; hydro: 1,588,300; gas: 3,330,020
1989 MWh generated: 21,272,181
1989 MWh purchased:
from utilities: 2,570,549
from nonutilities: 293,427
1989 MWh sold: retail: 21,397,944
wholesale: 551,534
1989 revenues: retail: $1,739,147,000
wholesale: $15,104,000
established 1925

Merced Irrigation District
2423 Canal St., Box 2288
Merced, Calif. 95344
(209) 722-5761
customers: unavailable
nameplate capacity (kW): hydro: 93,600
1989 MWh generated: 142,446
1989 MWh purchased: 0
1989 MWh sold: wholesale: 141,690
1989 revenues: wholesale: $2,267,000
established 1919

Modesto Irrigation District*
1231 11th St., Box 4060
Modesto, Calif. 95352
(209) 526-7373
Joseph B. Marcotte Jr., Chief Executive Officer
customers: 82,760
nameplate capacity (kW): hydro: 62,000; oil: 112,000; other: 52,000
1989 MWh generated: 97,199
1989 MWh purchased: 1,627,101
1989 MWh sold: 1,644,291
1989 revenues: $99,166,000
established 1923

Needles, City of
817 Third St., Box 887
Needles, Calif. 92363
(619) 326-5700
Virginia Sneed, City Manager
customers: 2,500
1989 MWh generated: 0
1989 MWh purchased: 57,089
1989 MWh sold: retail: 52,835
wholesale: 2,369
1989 revenues: retail: $4,144,000
wholesale: $173,000
established 1983

Oroville-Wyandotte Irrigation District
2310 Quincy Road, Box 581
Oroville, Calif. 95965
(916) 534-1221
Steven C. Onken, Power

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Superintendent
customers: unavailable
nameplate capacity (kW): hydro: 103,100
1989 MWh generated: 549,056
1989 MWh purchased: 0
1989 MWh sold: wholesale: 549,056
1989 revenues: wholesale: $6,555,000
established 1963

Palo Alto, City of+ *
250 Hamilton Ave.
Palo Alto, Calif. 94301
(415) 329-2273
Richard L. Young, Director of Utilities
customers: 26,839
1989 MWh generated: 0
1989 MWh purchased: 1,063,896
1989 MWh sold: 1,027,718
1989 revenues: $58,946,000
established 1900

Pasadena, City of+ *
150 S. Los Robles, Suite 200
Pasadena, Calif. 91101
(818) 405-4409
David C. Plumb, General Manager
customers: 56,109
nameplate capacity (kW): hydro: 3,000; oil: 254,000
1989 MWh generated: 452,239
1989 MWh purchased:
from utilities: 952,579
from nonutilities: 1,549
1989 MWh sold: retail: 1,033,238
wholesale: 305,904
1989 revenues: retail: $89,797,000
wholesale: $12,232,000
established 1906

Placer County Water Agency
24625 Harrison St., Box 667
Foresthill, Calif. 95631
(916) 367-2291
Stephen J. Jones, Power Systems Manager
customers: unavailable
nameplate capacity (kW): hydro: 211,600
1989 MWh generated: 1,203,787
1989 MWh purchased: 0
1989 MWh sold: wholesale: 1,197,617
1989 revenues: wholesale: $7,378,000
established 1957

Redding, City of*
760 Parkview Ave.
Redding, Calif. 96001
(916) 225-4300
Sam Lindley, Director, Electric Department
customers: 30,689
1989 MWh generated: 0
1989 MWh purchased: 615,400
1989 MWh sold: 570,889
1989 revenues: $34,255,000
established 1921

Riverside, City of+ *
3900 Main St.
Riverside, Calif. 92522
(714) 782-5781
Bill D. Carnahan, Public Utilities Director
customers: 86,036
nameplate capacity (kW): nuclear: 40,350
1989 MWh generated: 251,710
1989 MWh purchased:
from utilities: 1,248,517
from nonutilities: 132,797
1989 MWh sold: retail: 1,427,338
wholesale: 132,797
1989 revenues: retail: $132,217,000
wholesale: $1,945,000
established 1883

Roseville Electric Department*
2090 Hilltop Circle
Roseville, Calif. 95678
(916) 781-0600
Kenneth A. Weisel, Electric Utility Director
customers: 20,043
1989 MWh generated: 0
1989 MWh purchased: 374,932
1989 MWh sold: 353,898
1989 revenues: $23,391,000
established 1912

Sacramento Municipal Utility District*
6201 S St., Box 15830
Sacramento, Calif. 95817
(916) 452-3211
S. David Freeman, General Manager
customers: 434,169
nameplate capacity (kW): nuclear: 963,000; hydro: 607,300; oil: 148,400; other: 145,000
1989 MWh generated: 3,200,647
1989 MWh purchased: 5,340,629
1989 MWh sold: 7,950,307
1989 revenues: retail: $578,901,000
wholesale: $3,780,000
established 1947

San Francisco, City of*
1155 Market St.
San Francisco, Calif. 94103
(415) 550-6500
Anson B. Moran, General Manager
customers: 16
nameplate capacity (kW): hydro: 353,100
1989 MWh generated: 1,580,285
1989 MWh purchased: 204,458
1989 MWh sold: 1,181,374
1989 revenues: $35,575,000

Santa Clara, City of+ *
1500 Warburton Ave.
Santa Clara, Calif. 95050
(408) 984-3161
E. Paul Wilson, Director of Electric Utility
customers: 44,323
nameplate capacity (kW): hydro: 11,700; gas: 70,600; other: 6,500
1989 MWh generated: 50,261
1989 MWh purchased: 2,329,394
1989 MWh sold: retail: 2,284,758
wholesale: 7,200
1989 revenues: retail: $139,048,000
wholesale: $188,000
established 1896

Shasta Dam Area Public Utility District*
1650 Stanton Drive
Central Valley, Calif. 96019
(916) 275-8827
Ron Young, General Manager
customers: 3,611
1989 MWh generated: 0
1989 MWh purchased: 61,783
1989 MWh sold: 57,927
1989 revenues: $3,607,000
established 1945

Trinity County Public Utility District+ *
Box 1216
Weaverville, Calif. 96093
(916) 623-5536
Jeff Shields, General Manager
customers: 2,189
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 34,660
1989 MWh sold: 32,322
1989 revenues: $2,043,000
established 1982

Truckee-Donner Public Utility District*
Box 309
Truckee, Calif. 95734
(916) 587-3896
Peter L. Holzmeister, General Manager
customers: 6,784
1989 MWh generated: 0
1989 MWh purchased: 93,281
1989 MWh sold: 90,600
1989 revenues: $8,062,000
established 1927

Tuolumne County Public Power Agency
Two S. Green St.
Sonora, Calif. 95370
(209) 533-5511
Tommy "TK" Keller, Agency Coordinator
customers: 30
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 17,794
1989 MWh sold: 17,794
1989 revenues: $1,029,000
established 1983

Turlock Irrigation District+ *
333 E. Canal Drive, Box 949
Turlock, Calif. 95381
(209) 883-8300
Ernest Geddes, General Manager
customers: 55,759
nameplate capacity (kW): hydro: 172,790; gas: 49,800
1989 MWh generated: 227,773
1989 MWh purchased: 960,700
1989 MWh sold: 1,093,098
1989 revenues: $61,660,000
established 1887

Ukiah, City of*
300 Seminary Ave
Ukiah, Calif. 95482
(707) 463-6281
Maurice K. Roper, Director of Electric Utility
customers: 6,951
nameplate capacity (kW): unavailable
1989 MWh generated: 17,296
1989 MWh purchased: 96,747
1989 MWh sold: retail: 88,794
wholesale: 17,279
1989 revenues: retail: $8,046,000
wholesale: $1,200,000
established 1897

Vernon, City of*
4305 Santa Fe Ave.
Vernon, Calif. 90058
(213) 583-8811
Kenneth J. DeDario, Director of Light & Power
customers: 2,279
nameplate capacity (kW): oil: 30,000; gas: 11,800
1989 MWh generated: 21,091
1989 MWh purchased: 1,150,720
1989 MWh sold: 1,095,549
1989 revenues: $66,789,000
established 1933

Yuba County Water Agency
1402 D St., Box 1569
Marysville, Calif. 95901
(916) 741-6278
Donn Wilson, Engineer-Administrator
customers: unavailable
nameplate capacity (kW): hydro: 370,700
1989 MWh generated: 1,425,312
1989 MWh purchased: 0
1989 MWh sold: wholesale: 1,419,461
1989 revenues: wholesale: $7,814,000
established 1966

Colorado

Aspen, City of+ *
130 S. Galena St.
Aspen, Colo. 81611
(303) 920-5083
Robert Gish, Public Service Director
customers: 2,308
nameplate capacity (kW): unavailable
1989 MWh generated: 12,982
1989 MWh purchased: 45,794
1989 MWh sold: 51,961
1989 revenues: $3,713,000
established 1896

Burlington, City of+ *
480 15th St.
Burlington, Colo. 80807
(719) 346-8652
Merle Worden, City Administrator
customers: 1,653
nameplate capacity (kW): oil: 7,600
1989 MWh generated: 519
1989 MWh purchased: 23,644
1989 MWh sold: 20,520
1989 revenues: $1,786,000
established 1920

Center, City of+ *
400 S. Worth, Box 400
Center, Colo. 81125
(719) 754-3497
Darrell T. Davis, Superintendent of Utilities
customers: 926
1989 MWh generated: 0
1989 MWh purchased: 11,337
1989 MWh sold: 9,381
1989 revenues: $488,000
established 1941

Colorado Springs Utilities*
30 S. Nevada Ave., Box 1103
Colorado Springs, Colo. 80947
(719) 636-5300
S. H. Christensen, Director, Electric Generation Department
customers: 143,609
nameplate capacity (kW): coal: 464,000; hydro: 6,000; gas: 87,600
1989 MWh generated: 2,709,269
1989 MWh purchased: 340,721
1989 MWh sold: retail: 2,780,384
wholesale: 108,513
1989 revenues: retail: $139,389,000
wholesale: $3,923,000
established 1925

Delta, City of+ *
1133 Main St., Box 19
Delta, Colo. 81416
(303) 874-8400
W. F. Mathews, Utilities Director
customers: 1,891
nameplate capacity (kW): oil: 422; oil/gas: 4,400
1989 MWh generated: 554
1989 MWh purchased: 30,034
1989 MWh sold: 28,830
1989 revenues: $2,078,000
established 1937

Estes Park, Town of+ *
Box 1200
Estes Park, Colo. 80517
(303) 586-5331
Richard E. Matzke, Director
customers: 6,732
1989 MWh generated: 0
1989 MWh purchased: 80,913
1989 MWh sold: 76,251
1989 revenues: $5,026,000
established 1945

Fleming, City of+ *
Box 466
Fleming, Colo. 80728
(303) 265-2692
Rick Rigel, Town Superintendent
customers: 210
1989 MWh generated: 0
1989 MWh purchased: 2,143
1989 MWh sold: 1,581
1989 revenues: $111,000

Fort Collins Light & Power Utility+ *
700 Wood St., Box 580
Fort Collins, Colo. 80522
(303) 221-6700
Robert A. Kost, Light and Power Director
customers: 35,693
1989 MWh generated: 0
1989 MWh purchased: 772,634
1989 MWh sold: 758,293
1989 revenues: $37,858,000
established 1935

Fort Morgan, City of*
710 E. Railroad Ave.
Fort Morgan, Colo. 80701
(303) 867-3001
Glenn W. Calvert, City Superintendent
customers: 5,252
1989 MWh generated: 0
1989 MWh purchased: 118,803
1989 MWh sold: 108,598
1989 revenues: $3,303,000
established 1906

Fountain, City of
116 S. Main St.
Fountain, Colo. 80817
(719) 382-5604
Richard Heikes, Superintendent
customers: 6,629
1989 MWh generated: 0
1989 MWh purchased: 108 513
1989 MWh sold: 102,388
1989 revenues: $6,188,000

Frederick, Town of+ *
Box 435
Frederick, Colo. 80530
(303) 833-2388
Edward Tagliente, Mayor
customers: 398
1989 MWh generated: 0
1989 MWh purchased: 4,937
1989 MWh sold: 3,959
1989 revenues: $283,000

Glenwood Springs, City of*
806 Cooper Ave.
Glenwood Springs, Colo. 81601
(303) 945-2575
Kevin Kadlec, Director of Utilities
customers: 4,382
1989 MWh generated: 0
1989 MWh purchased: 74,100
1989 MWh sold: 72,600
1989 revenues: $4,901,000
established 1953

Granada, Town of
109 E. Goff St., Box 258
Granada, Colo. 81041
(719) 734-5411
Thelma Schibbelnut, Clerk
customers: 234
1989 MWh generated: 0
1989 MWh purchased: 2,597
1989 MWh sold: 2,047
1989 revenues: $138,000

Gunnison, City of*
201 W. Virginia Ave.
Gunnison, Colo. 81230
(303) 641-2448
Bill Earley, Utilities Director
customers: 2,869
1989 MWh generated: 0
1989 MWh purchased: 49,352
1989 MWh sold: 45,881
1989 revenues: $2,138,000
established 1880

Haxtun, Town of+ *
145 S. Colorado Ave., Box 205
Haxtun, Colo. 80731
(303) 774-6104
George E. Michael, Town Manager
customers: 563
1989 MWh generated: 0
1989 MWh purchased: 7,000
1989 MWh sold: 5,830
1989 revenues: $263,000
established 1904

Holly, City of
Box 458
Holly, Colo. 81047
(719) 537-6622
Grant McCormick, Town Manager
customers: 647
1989 MWh generated: 0
1989 MWh purchased: 6,757
1989 MWh sold: 5,784
1989 revenues: $409,000
established 1949

Holyoke, City of*
207 W. Denver St.
Holyoke, Colo. 80734
(303) 854-2266
Allen Coyne, City Superintendent
customers: 1,051
1989 MWh generated: 0
1989 MWh purchased: 19,000
1989 MWh sold: 18,200
1989 revenues: $564,000

Julesburg, City of*
122 W. First St.
Julesburg, Colo. 80737
(303) 474-3344
Victor E. Johnson, Superintendent of Public Works
customers: 809
nameplate capacity (kW): oil: 3,700
1989 MWh generated: 9,541
1989 MWh purchased: 0
1989 MWh sold: 8,117
1989 revenues: $668,000

La Junta, City of*
601 Colorado Ave., Box 630
La Junta, Colo. 81050
(719) 384-8454
Robert H. Smith, Electric Superintendent
customers: 3,811
1989 MWh generated: 0
1989 MWh purchased: 50,451
1989 MWh sold: 46,716
1989 revenues: $3,788,000
established 1939

Lamar Utilities Board+ *
100 N. Second St.
Lamar, Colo. 81052
(719) 336-7456
Leon Sparks, Superintendent
customers: 5,390
nameplate capacity (kW): gas: 30,000; oil: 2,000
1989 MWh generated: 72,026
1989 MWh purchased: 16,416
1989 MWh sold: retail: 78,424
wholesale: 2,597
1989 revenues: retail: $5,635,000
wholesale: $140,000
established 1919

Las Animas, City of*
532 Carson Ave.
Las Animas, Colo. 81054
(719) 456-1621
W. A. Hudnall, Superintendent
customers: 1,920
1989 MWh generated: 0
1989 MWh purchased: 22,000
1989 MWh sold: 21,000
1989 revenues: $1,324,000
established 1941

Longmont, City of*
1100 S. Sherman St.
Longmont, Colo. 80501
(303) 651-8386
Jeffrey A. Gould, Electric Director
customers: 22,698
nameplate capacity (kW): hydro: 600
1989 MWh generated: 81
1989 MWh purchased: 382,986
1989 MWh sold: 364,772
1989 revenues: $18,809,000
established 1911

Loveland Light and Power*
200 N. Wilson
Loveland, Colo. 80537
(303) 669-2470
Brian H. Moeck, Director of Light and Power
customers: 16,958
nameplate capacity (kW): hydro: 900
1989 MWh generated: 3,770
1989 MWh purchased: 333,417
1989 MWh sold: 330,227
1989 revenues: $17,294,000
established 1925

Lyons, Town of+ *
Box 49
Lyons, Colo. 80540
(303) 823-6622
Herb McConnell, Public Works Director
customers: 565
1989 MWh generated: 0
1989 MWh purchased: 6,553
1989 MWh sold: 5,167
1989 revenues: $334,000

Oak Creek, Town of*
Box 128
Oak Creek, Colo. 80467
(303) 736-8231
Nancy Crawford, Town Clerk
customers: 412
1989 MWh generated: 0
1989 MWh purchased: 4,049
1989 MWh sold: 3,397
1989 revenues: $297,000
established 1930

Springfield, City of+ *
Box 4
Springfield, Colo. 81073
(719) 523-4528
Darwin Hansen, Electrical Superintendent
customers: 1,012
1989 MWh generated: 0
1989 MWh purchased: 10,445
1989 MWh sold: 9,435
1989 revenues: $657,000
established 1947

Trinidad, City of+ *
135 N. Animas St.
Trinidad, Colo. 81082
(719) 846-9843
David Brunelli, Superintendent
customers: 4,562
nameplate capacity (kW): coal: 3,800; gas: 7,600
1989 MWh generated: 7,184
1989 MWh purchased: 32,899
1989 MWh sold: 35,683
1989 revenues: $2,918,000
established 1948

Wray, City of+ *
245 W. Fourth St., Box 35
Wray, Colo. 80758
(303) 332-4431
Robert W. Snedeker, City Manager
customers: 1,172
1989 MWh generated: 0
1989 MWh purchased: 16,645
1989 MWh sold: 14,459
1989 revenues: $1,002,000
established 1903

Yuma, City of+ *
221 S. Main St., Box 265
Yuma, Colo. 80759
(303) 848-3878
Doug Lasater, City Manager
customers: 1,430
1989 MWh generated: 0
1989 MWh purchased: 18,869
1989 MWh sold: 16,590
1989 revenues: $964,000
established 1928

Connecticut

Groton Department of Utilities+ *
295 Meridian St., Box 820
Groton, Conn. 06340
(203) 445-8571
Alexander B. Chisholm, Director of Utilities
customers: 13,846
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 641,268
1989 MWh sold: retail: 618,619
wholesale: 5,321
1989 revenues: retail: $40,319,000
wholesale: $349,000
established 1904

Jewett City Electric Light Plant+ *
9 E. Main St.
Jewett City, Conn. 06351
(203) 376-2955
Joseph M. Dudek, Superintendent
customers: 1,953
1989 MWh generated: 0
1989 MWh purchased: 19,945
1989 MWh sold: 17,962
1989 revenues: $1,593,000
established 1893

Norwalk, City of, Third Taxing District+ *
2 Second St., Box 451
East Norwalk, Conn. 06855
(203) 866-9271
Donald H. Radley, General Manager
customers: 3,453
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 60,772
1989 MWh sold: 54,538
1989 revenues: $5,594,000
established 1913

Norwich, City of+ *
34 Courthouse Square
Norwich, Conn. 06360
(203) 887-2555
Richard E. Des Roches, General Manager
customers: 17,796
nameplate capacity (kW): hydro: 3,000; oil: 16,800
1989 MWh generated: 12,234
1989 MWh purchased: 279,319
1989 MWh sold: 275,190
1989 revenues: $23,051,000
established 1904

South Norwalk Electric Works+ *
State St., Box 400
Norwalk, Conn. 06856

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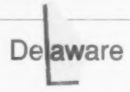
* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

(203) 866-3366
Larry Rossi, General Manager
customers: 5,564
nameplate capacity (kW): oil: 15,300
1989 MWh generated: 1,475
1989 MWh purchased: 77,948
1989 MWh sold: retail: 67,804
wholesale: 1,297
1989 revenues: retail: $6,934,000
wholesale: $693,000
established 1892

Wallingford, Town of+ *
100 John St.
Wallingford, Conn. 06492
(203) 265-1593
Raymond F. Smith, Director of Utilities
customers: 20,731
1989 MWh generated: 0
1989 MWh purchased: 543,870
1989 MWh sold: 507,507
1989 revenues: $40,878,000
established 1899



Delaware

Clayton, Town of
314 Main St.
Clayton, Del. 19938
(302) 653-8419
James H. Carson Jr., Council President
customers: 601
1989 MWh generated: 0
1989 MWh purchased: 6,000
1989 MWh sold: 5,000
1989 revenues: $495,000

Dover, City of+ *
Box 475
Dover, Del. 19903
(302) 736-7070
John E. French, Electric Director
customers: 16,896
nameplate capacity (kW): oil: 151,200
1989 MWh generated: 456,254
1989 MWh purchased:
from nonutilities: 49,223
1989 MWh sold: retail: 474,779
wholesale: 8,835
1989 revenues: retail: $26,673,000
wholesale: $4,482,000
established 1902

Lewes Board of Public Works
E. Third St., Box 518
Lewes, Del. 19958
(302) 645-6228
Ronald Donovan, General Manager
customers: 2,699
nameplate capacity (kW): oil: 1,200
1989 MWh generated: 230
1989 MWh purchased: 53,772
1989 MWh sold: 45,615
1989 revenues: $3,303,000
established 1901

Middletown, Town of
216 N. Broad St.
Middletown, Del. 19709
(302) 378-2711
Joe Enrico, Town Superintendent
customers: 1,693
1989 MWh generated: 0
1989 MWh purchased: 24,049
1989 MWh sold: 20,822
1989 revenues: $1,831,000

Milford, City of
201 S. Walnut St., Box 159
Milford, Del. 19963
(302) 422-6616
Michael T. Booker, City Manager
customers: 4,482
1989 MWh generated: 0
1989 MWh purchased: 125,354
1989 MWh sold: 119,103
1989 revenues: $8,545,000
established 1918

New Castle Board of Water & Light Commissioners*
216 Chestnut St., Box 208
New Castle, Del. 19720
(302) 323-2330
Edward J. Murphy, Board Secretary
customers: 2,027
1989 MWh generated: 0
1989 MWh purchased: 21,941
1989 MWh sold: 19,834
1989 revenues: $1,837,000
established 1921

Newark, City of*
220 Elkton Road, Box 390
Newark, Del. 19715-0390
(302) 366-7080
Carl Luft, City Manager
customers: 8,626
1989 MWh generated: 0
1989 MWh purchased: 264,910
1989 MWh sold: 242,640
1989 revenues: $16,672,000
established 1913

Seaford, City of
302 E. King St.
Seaford, Del. 19973
(302) 629-9173
Dolores J. Slatcher, City Manager
customers: 2,889
nameplate capacity (kW): oil: 7,800
1989 MWh generated: 2,356
1989 MWh purchased: 78,178
1989 MWh sold: 71,797
1989 revenues: $6,204,000

Smyrna, Town of*
27 S. Market St., Box 307
Smyrna, Del. 19977
(302) 653-3483
C. Donald Hodge, Town Manager
customers: 2,301
1989 MWh generated: 0
1989 MWh purchased: 44,812
1989 MWh sold: 41,580
1989 revenues: $3,657,000
established 1893

Florida

Alachua, City of*
US 441 & SR 235, Box 9
Alachua, Fla. 32615
(407) 462-1231
Francine Jernigan, Finance Director
customers: 1,892
1989 MWh generated: 0
1989 MWh purchased: 43,240
1989 MWh sold: 39,140
1989 revenues: $3,051,000
established 1924

Bartow, City of
450 N. Wilson Ave
Bartow, Fla. 33830
(813) 533-0911
James R. O'Connor, City Manager
customers: 9,371
1989 MWh generated: 0
1989 MWh purchased: 235,102
1989 MWh sold: 216,214
1989 revenues: $15,882,000
established 1903

Blountstown, City of
125 W. Central Ave.
Blountstown, Fla. 32424
(904) 674-5488
Grant Gentry, City Manager
customers: 1,389
1989 MWh generated: 0
1989 MWh purchased: 26,000
1989 MWh sold: 24,000
1989 revenues: $1,788,000
established 1903

Bushnell, City of*
Box 115
Bushnell, Fla. 33513
(904) 793-2591
Lelman Shaw, Superintendent of Utilities
customers: 789
nameplate capacity (kW): unavailable
1989 MWh generated: 2,437
1989 MWh purchased: 13,884
1989 MWh sold: 14,906
1989 revenues: $1,145,000
established 1921

Chattahoochee, City of*
22 Jefferson St., Box 188
Chattahoochee, Fla. 32324
(904) 663-4046
Millard Hampton, Superintendent
customers: 1,291
1989 MWh generated: 0
1989 MWh purchased: 41,977
1989 MWh sold: 40,696
1989 revenues: $2,315,000
established 1915

Clewiston, City of*
141 Central Ave.
Clewiston, Fla. 33440
(813) 983-2171
C. F. Blair, Utility Director
customers: 3,746
1989 MWh generated: 0
1989 MWh purchased: 89,224
1989 MWh sold: 83,398
1989 revenues: $6,090,000
established 1942

Fort Meade, City of*
Box 856
Fort Meade, Fla. 33841
(813) 285-8191
Charles Saddler, City Manager
customers: 2,359
1989 MWh generated: 0
1989 MWh purchased: 38,000
1989 MWh sold: 35,000
1989 revenues: $2,844,000
established 1920

Fort Pierce Utilities Authority*
Box 3191
Fort Pierce, Fla. 34948
(407) 464-5600
Harry Schindehette, Director of Utilities
customers: 23,701
nameplate capacity (kW): gas: 111,636; oil: 5,500; other: 8,375
1989 MWh generated: 301,485
1989 MWh purchased: 303,664
1989 MWh sold: retail: 486,463
wholesale: 88,898
1989 revenues: retail: $34,716,000
wholesale: $2,669,000
established 1911

Gainesville, City of*
Box 490
Gainesville, Fla. 32602
(904) 374-2904
General Manager
customers: 59,699
nameplate capacity (kW): coal: 250,800; gas: 266,900
1989 MWh generated: 1,703,115
1989 MWh purchased: 0
1989 MWh sold: retail: 1,155,829
wholesale: 76,436
1989 revenues: retail: $80,868,000
wholesale: $4,107,000
established 1912

Green Cove Springs, City of*
City Hall, 229 Walnut St.
Green Cove Springs, Fla. 32043
(904) 284-5621
Ted Biggs, Utilities Director
customers: 2,365
1989 MWh generated: 0
1989 MWh purchased: 86,937
1989 MWh sold: retail: 73,867
wholesale: 2,292
1989 revenues: retail: $5,871,000
wholesale: $171,000
established 1907

Havana Power & Light Co.*
711 N. Main St., Box 1068
Havana, Fla. 32333
(904) 539-6494
Cecil G. Trippe, Town Manager
customers: 1,199
1989 MWh generated: 0
1989 MWh purchased: 18,087
1989 MWh sold: 16,612
1989 revenues: $1,587,000
established 1926

Homestead, City of*
675 N. Flagler Ave.
Homestead, Fla. 33030
(305) 247-1801
Rex W. Jerrim, General Manager
customers: 13,640
nameplate capacity (kW): gas: 59,400
1989 MWh generated: 51,620
1989 MWh purchased: 217,866
1989 MWh sold: retail: 230,090
wholesale: 3,456
1989 revenues: retail: $19,578,000
wholesale: $187,000
established 1916

Jacksonville Electric Authority*
21 W. Church St.
Jacksonville, Fla. 32202
(904) 632-6000
Royce Lyles, Managing Director
customers: 289,933
nameplate capacity (kW): coal: 679,000; oil: 2,238,100
1989 MWh generated: 8,508,774
1989 MWh purchased:
from utilities: 2,767,569
from nonutilities: 208,921
1989 MWh sold: retail: 7,610,281
wholesale: 3,199,052
1989 revenues: retail: $486,973,000
wholesale: $132,095,000
established 1895

Jacksonville Beach, City of*
11 N. Third St.
Jacksonville Beach, Fla. 32250
(904) 247-6281
Keith Roberts, Electric Utility Director
customers: 22,000
1989 MWh generated: 0
1989 MWh purchased: 426,884
1989 MWh sold: 407,326
1989 revenues: $38,023,000
established 1908

Key West City Electric System*
1001 James St., Drawer 6100
Key West, Fla. 33041
(305) 294-5272
Robert R. Padron, Manager
customers: 21,898
nameplate capacity (kW): oil: 85,800
1989 MWh generated: 137,306
1989 MWh purchased: 362,167
1989 MWh sold: retail: 458,879
wholesale: 238
1989 revenues: $41,565,000
established 1943

Kissimmee Utility Authority*
Box 423219
Kissimmee, Fla. 34742-3219
(407) 933-7777

James C. Welsh, General Manager
customers: 29,960
nameplate capacity (kW): gas: 79,905; oil: 27,990; other: 20,000
1989 MWh generated: 240,422
1989 MWh purchased: 417,434
1989 MWh sold: retail: 594,998
wholesale: 33
1989 revenues: retail: $51,542,000
wholesale: $1,000
established 1900

Lake Worth, City of*
114 College St.
Lake Worth, Fla. 33460
(407) 586-1665
Claude L'Engle, Director of Utilities
customers: 24,279
nameplate capacity (kW): gas: 88,000; oil: 40,800; other: 10,000
1989 MWh generated: 217,609
1989 MWh purchased: 178,077
1989 MWh sold: retail: 327,527
wholesale: 44,013
1989 revenues: retail: $28,739,000
wholesale: $1,254,000
established 1916

Lakeland, City of+ *
501 E. Lemon St.
Lakeland, Fla. 33801-5050
(813) 499-6300
R. G. Siegel, Managing Director
customers: 87,011
nameplate capacity (kW): coal: 200,400; gas: 336,000; oil: 62,600
1989 MWh generated: 2,266,919
1989 MWh purchased: 0
1989 MWh sold: retail: 1,813,325
wholesale: 24
1989 revenues: retail: $138,220,000
wholesale: $24,000
established 1904

Leesburg, City of*
504 W. Orange St., Box 630
Leesburg, Fla. 32749-0630
(904) 728-9834
Joe M. Tardugno, Utility Superintendent
customers: 15,866
nameplate capacity (kW): unavailable
1989 MWh generated: 64,000
1989 MWh purchased: 285,000
1989 MWh sold: 330,000
1989 revenues: $24,126,000
established 1926

Moore Haven, City of*
99 Riverside Drive, Box 399
Moore Haven, Fla. 33471
(813) 946-0711
Carmen Whitney, City Clerk
customers: 890
1989 MWh generated: 0
1989 MWh purchased: 12,186
1989 MWh sold: 11,460
1989 revenues: $1,235,000
established 1917

Mount Dora, City of
1250 N. Highland St.
Mount Dora, Fla. 32757
(904) 383-4221
Arthur Womble, Superintendent of Utilities
customers: 4,600
1989 MWh generated: 0
1989 MWh purchased: 61,149
1989 MWh sold: 57,907
1989 revenues: $5,024,000
established 1922

New Smyrna Beach Utilities Commission*
120 Sams Ave.
New Smyrna Beach, Fla. 32168
(904) 427-1361
R. Ronald Hagen, Director of Utilities
customers: 17,955
nameplate capacity (kW): gas: 5,300; oil: 14,100
1989 MWh generated: 26,150
1989 MWh purchased: 242,177
1989 MWh sold: retail: 249,751
wholesale: 165
1989 revenues: retail: $20,831,000
wholesale: $10,000
established 1922

Newberry, City of*
Box 369
Newberry, Fla. 32669
(904) 472-2161
Blaine Suggs, Director of Utilities
customers: 789
1989 MWh generated: 0
1989 MWh purchased: 24,800
1989 MWh sold: 23,931
1989 revenues: $1,755,000
established 1910

Ocala, City of*
Box 1270
Ocala, Fla. 32670
(904) 351-6600
Dean G. Shaw, Director
customers: 44,009
nameplate capacity (kW): unavailable
1989 MWh generated: 83,639
1989 MWh purchased: 794,055
1989 MWh sold: 817,779
1989 revenues: $58,766,000
established 1887

Orlando Utilities Commission*
Box 3193
Orlando, Fla. 32802
(407) 423-9100
T. C. Pope, General Manager
customers: 146,031
nameplate capacity (kW): nuclear: 66,550; coal: 464,090; gas: 675,430
1989 MWh generated: 4,616,913
1989 MWh purchased: 291,810
1989 MWh sold: retail: 3,330,513
wholesale: 1,414,917
1989 revenues: retail: $222,073,000
wholesale: $47,052,000
established 1923

Quincy, City of
404 W. Jefferson St., Box 1619
Quincy, Fla. 32351
(904) 627-7681
Otto Roberts, Director of Utilities
customers: 4,357
1989 MWh generated: 0
1989 MWh purchased: 142,000
1989 MWh sold: 137,000
1989 revenues: $7,154,000
established 1923

St. Cloud, City of*
2901 17th St.
St. Cloud, Fla. 34769
(407) 957-7273
Samy Faried, Electric Utility Director
customers: 11,947
nameplate capacity (kW): gas: 29,000
1989 MWh generated: 41,162
1989 MWh purchased: 160,862
1989 MWh sold: retail: 180,897
wholesale: 6,493
1989 revenues: retail: $14,851,000
wholesale: $634,000
established 1916

Sebring Utilities Commission*
321 Mango St., Box 971
Sebring, Fla. 33871
(813) 385-0191
James E. Moothart, General Manager
customers: 12,567
nameplate capacity (kW): gas: 12,700; oil: 55,500; other: 3,600
1989 MWh generated: 111,530
1989 MWh purchased: 83,998
1989 MWh sold: retail: 157,968
wholesale: 20,206
1989 revenues: retail: $15,330,000
wholesale: $1,049,000
established 1923

Starke, City of*
209 N. Thompson St., Drawer C
Starke, Fla. 32091
(904) 964-5027
William M. Weldon, Director, Electric System
customers: 2,571
nameplate capacity (kW): gas: 7,100; oil: 1,000
1989 MWh generated: 4,164
1989 MWh purchased: 55,223
1989 MWh sold: 54,335
1989 revenues: $4,911,000
established 1892

Tallahassee, City of+ *
300 S. Adams St.
Tallahassee, Fla. 32301
(904) 599-8504
B. W. Wait III, Director, Electric Department
customers: 72,829
nameplate capacity (kW): hydro: 12,200; oil: 530,100
1989 MWh generated: 1,397,000
1989 MWh purchased: 445,000
1989 MWh sold: retail: 1,753,000
wholesale: 89,000
1989 revenues: $131,623,000
established 1902

Vero Beach, City of*
100 17th St., Box 1389
Vero Beach, Fla. 32961-1389
(407) 567-5151
Thomas Klaric, City Manager
customers: 24,594
nameplate capacity (kW): gas: 100,500; oil: 13,400
1989 MWh generated: 175,280
1989 MWh purchased: 370,291
1989 MWh sold: retail: 491,724
wholesale: 14,409
1989 revenues: retail: $34,365,000
wholesale: $488,000
established 1919

Wauchula, City of*
Box 818
Wauchula, Fla. 33873
(813) 773-9426
Warren May Jr., Supervisor, Public Works
customers: 2,328
nameplate capacity (kW): oil: 7,100
1989 MWh generated: 41
1989 MWh purchased: 55,300
1989 MWh sold: 47,161
1989 revenues: $3,625,000
established 1924

Williston, City of
Box 160
Williston, Fla. 32696
(904) 528-3060
Donald J. Tanner, City Manager
customers: 1,261
1989 MWh generated: 0
1989 MWh purchased: 23,680
1989 MWh sold: 21,850
1989 revenues: $1,888,000

Georgia

(Systems designated (TVA) are distributors of Tennessee Valley Authority power and purchase all of their power from TVA.)

Acworth, City of
4375 Richard Russell Square
Acworth, Ga. 30101
(404) 974-5233
Jesse Barker, Electric Superintendent
customers: 2,602
1989 MWh generated: 0
1989 MWh purchased: 36,453
1989 MWh sold: 36,453
1989 revenues: $2,676,000

Adel, City of*
Box 658
Adel, Ga. 31620
(912) 896-4504
John H. Flythe, City Manager
customers: 2,248
1989 MWh generated: 0
1989 MWh purchased: 78,267
1989 MWh sold: 69,346
1989 revenues: $4,846,000

Albany Water, Gas & Light Commission*
Box 1788
Albany, Ga. 31701
(912) 883-8330
U. W. Rodemann, General Manager
customers: 34,307
1989 MWh generated: 0
1989 MWh purchased: 841,432
1989 MWh sold: 807,848
1989 revenues: $48,907,000
established 1900

Barnesville, City of*
109 Forsythe St.
Barnesville, Ga. 30204
(404) 358-0181
Joanne C. Cannafax, City Administrator
customers: 2,440
nameplate capacity (kW): unavailable
1989 MWh generated: 46,462
1989 MWh purchased: 0
1989 MWh sold: 40,919
1989 revenues: $3,093,000
established 1910

Blakely, City of*
Box 350
Blakely, Ga. 31723
(912) 723-3677
Waylon Lacey, City Administrator
customers: 2,454
1989 MWh generated: 0
1989 MWh purchased: 59,320
1989 MWh sold: 53,500
1989 revenues: $4,017,000
established 1929

Brinson, Town of*
Box 728
Brinson, Ga. 31725
(912) 246-4062
Kenneth Hodges, Mayor
customers: 93
1989 MWh generated: 0
1989 MWh purchased: 1,671
1989 MWh sold: 1,474
1989 revenues: $85,000
established 1925

Buford, City of*
95 Scott St.
Buford, Ga. 30518
(404) 945-6761
Earley Biffle, City Manager
customers: 2,314
1989 MWh generated: 0
1989 MWh purchased: 71,215
1989 MWh sold: 66,970
1989 revenues: $3,401,000

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

GEORGIA *(continued)*

Cairo, City of*
Box 29
Cairo, Ga. 31728
(912) 377-3653
David Smith, Utility Director
customers: 4,740
1989 MWh generated: 0
1989 MWh purchased: 118,539
1989 MWh sold: 108,668
1989 revenues: $6,749,000
established 1902

Calhoun, City of*
N. Wall St., Box 248
Calhoun, Ga. 30701
(404) 629-0151
Thomas Bond, Councilman
customers: 3,468
1989 MWh generated: 0
1989 MWh purchased: 257,667
1989 MWh sold: 246,041
1989 revenues: $14,411,000
established 1900

Camilla, City of*
30 E. Board St., Box 328
Camilla, Ga. 31730
(912) 336-5636
Jack McDaniel, Electric Superintendent
customers: 2,269
1989 MWh generated: 0
1989 MWh purchased: 67,762
1989 MWh sold: 67,280
1989 revenues: $4,296,000
established 1906

Cartersville, City of*
320 S. Erwin St., Box 648
Cartersville, Ga. 30120
(404) 382-1171
Keith Bass, Electric Superintendent
customers: 5,243
1989 MWh generated: 0
1989 MWh purchased: 337,924
1989 MWh sold: 322,673
1989 revenues: $18,174,000
established 1905

Chickamauga, City of*
Box 69
Chickamauga, Ga. 30707
(404) 375-3177
John Culpepper, Manager
customers: 891
1989 MWh generated: 0
1989 MWh purchased: 43,442 (TVA)
1989 MWh sold: 42,414
1989 revenues: $2,173,000
established 1963

College Park, City of*
3667 Main St.
College Park, Ga. 30337
(404) 669-3772
Marshall J. Collins, Electric Utility Manager
customers: 11,411
1989 MWh generated: 0
1989 MWh purchased: 247,030
1989 MWh sold: 220,175
1989 revenues: $14,476,000

Commerce, City of*
Box 348
Commerce, Ga. 30529
(404) 335-3164
City Manager
customers: 2,518
1989 MWh generated: 0
1989 MWh purchased: 41,914
1989 MWh sold: 40,706
1989 revenues: $3,009,000

Covington, City of*
2111 E. Conyers St.
Covington, Ga. 30209
(404) 786-5324
Frank B. Turner, City Manager
customers: 7,647
1989 MWh generated: 0
1989 MWh purchased: 167,651
1989 MWh sold: 154,850
1989 revenues: $11,213,000
established 1900

Crisp County Power Commission+ *
201 S. Seventh St.
Cordele, Ga. 31015
(912) 273-3811
Frank L. Olson, General Manager
customers: 9,989
nameplate capacity (kW): coal: 12,500; hydro: 13,200; gas: 5,000
1989 MWh generated: 52,443
1989 MWh purchased: 227,171
1989 MWh sold: retail: 237,642
wholesale: 25,704
1989 revenues: retail: $12,590,000
wholesale: $1,248,000
established 1927

Dalton Water, Light & Sinking Fund Commission
1200 Harris St.
Dalton, Ga. 30722-0869
(404) 278-1313
DeForrest Parrott, General Manager
customers: 11,738
nameplate capacity (kW): nuclear: 56,840; coal: 51,604; oil: 740
1989 MWh generated: 555,898
1989 MWh purchased: 371,213
1989 MWh sold: 919,776
1989 revenues: $40,224,000
established 1890

Doerun, City of*
Box 37
Doerun, Ga. 31744
(912) 782-5444
Larry Clark, City Manager
customers: 490
1989 MWh generated: 0
1989 MWh purchased: 5,974
1989 MWh sold: 5,974
1989 revenues: $404,000
established 1911

Douglas, City of*
220 E. Bryan St., City Hall
Douglas, Ga. 31533
(912) 284-3302
Joe Glen Solomon, Superintendent
customers: 5,057
1989 MWh generated: 0
1989 MWh purchased: 182,491
1989 MWh sold: 176,446
1989 revenues: $11,316,000
established 1899

East Point, City of*
2777 East Point St.
East Point, Ga. 30344
(404) 765-1027
Bruce DeBolt, Public Utility Director
customers: 16,577
1989 MWh generated: 0
1989 MWh purchased: 291,869
1989 MWh sold: 271,634
1989 revenues: $19,313,000

Elberton, City of*
234 N. McIntosh St.
Elberton, Ga. 30635
(404) 283-2575
David C. Hudson, Superintendent
customers: 4,415
1989 MWh generated: 0
1989 MWh purchased: 98,494
1989 MWh sold: 91,290
1989 revenues: $5,605,000
established 1895

Ellaville, City of*
Wilson Street, Box 829
Ellaville, Ga. 31806
(912) 937-2207
Clarence Way, Electric Department Director
customers: 822
1989 MWh generated: 0
1989 MWh purchased: 14,498
1989 MWh sold: 14,309
1989 revenues: $946,000
established 1976

Fairburn, City of*
56 Malone St., Box 145
Fairburn, Ga. 30213
(404) 964-2244
Joe D. Hindman, City Manager
customers: 1,923
1989 MWh generated: 0
1989 MWh purchased: 30,928
1989 MWh sold: 27,829
1989 revenues: $2,184,000

Fitzgerald Water, Light & Bond Commission*
200 N. Hooker St., Drawer F
Fitzgerald, Ga. 31750
(912) 423-2016
Carlton J. Fowler, General Superintendent
customers: 5,574
1989 MWh generated: 0
1989 MWh purchased: 162,420
1989 MWh sold: 146,274
1989 revenues: $9,391,000
established 1907

Forsyth, City of*
Box 1447
Forsyth, Ga. 31029
(912) 994-2444
Alvin Randall, Electrical Superintendent
customers: 2,269
1989 MWh generated: 0
1989 MWh purchased: 46,795
1989 MWh sold: 41,744
1989 revenues: $3,657,000

Fort Valley Utility Commission*
500 Anthoine St.
Fort Valley, Ga. 31030
(912) 825-7701
Glen M. Taylor, General Manager
customers: 4,448
nameplate capacity (kW): unavailable
1989 MWh generated: 288
1989 MWh purchased: 96,648
1989 MWh sold: 90,868
1989 revenues: $3,931,000
established 1905

Grantville, City of*
Box 126
Grantville, Ga. 30220
(404) 583-2289
Phyllis Schlichtint, Clerk
customers: 445
1989 MWh generated: 0
1989 MWh purchased: 4,682
1989 MWh sold: 3,899
1989 revenues: $208,000

Griffin Electric Department*
120 N. Sixth St., Drawer T
Griffin, Ga. 30224
(404) 229-6406
John P. Jones, Director, Electric Department
customers: 13,332
1989 MWh generated: 0
1989 MWh purchased: 267,603
1989 MWh sold: 261,656
1989 revenues: $15,023,000
established 1895

Hampton, City of
Box 225
Hampton, Ga. 30228
(404) 946-4306
John L. Maddox, Superintendent
customers: 1,002
1989 MWh generated: 0
1989 MWh purchased: 13,452
1989 MWh sold: 12,498
1989 revenues: $799,000

Hogansville, City of*
400 E. Main St.
Hogansville, Ga. 30230
(404) 637-8629
Wesley Duffey, City Manager
customers: 1,553
1989 MWh generated: 0
1989 MWh purchased: 19,124
1989 MWh sold: 15,618
1989 revenues: $1,230,000

Jackson, City of*
135 S. Mulberry St.
Jackson, Ga. 30233
(404) 775-7535
S. V. Lunsford, Electric Superintendent
customers: 1,471
1989 MWh generated: 0
1989 MWh purchased: 31,558
1989 MWh sold: 27,863
1989 revenues: $2,030,000
established 1900

La Fayette, City of*
Box 89
La Fayette, Ga. 30728
(404) 638-1082
David Aldrich, City Manager
customers: 3,489
1989 MWh generated: 0
1989 MWh purchased: 96,144
1989 MWh sold: 86,322
1989 revenues: $5,405,000
established 1925

La Grange, City of*
200 Ridley Ave., Box 430
La Grange, Ga. 32040
(404) 883-2065
C. W. Hughes Jr., Director of Utilities
customers: 11,782
1989 MWh generated: 0
1989 MWh purchased: 507,269
1989 MWh sold: 465,512
1989 revenues: $25,984,000
established 1900

Lawrenceville, City of*
Box 1017
Lawrenceville, Ga. 30246
(404) 963-2414
Don Martin, Utilities Superintendent
customers: 7,251
1989 MWh generated: 0
1989 MWh purchased: 168,854
1989 MWh sold: 156,744
1989 revenues: $10,654,000
established 1920

Mansfield, City of*
21 W. First Ave.
Mansfield, Ga. 30255
(404) 786-7235
Jack Roquemore, Mayor
customers: 231
1989 MWh generated: 0
1989 MWh purchased: 3,529
1989 MWh sold: 3,051
1989 revenues: $222,000
established 1910

Marietta Power*
205 Lawrence St., Box 609
Marietta, Ga. 30061
(404) 429-4240
Ed Hoback, Electric Director
customers: 39,872
1989 MWh generated: 0
1989 MWh purchased: 784,737
1989 MWh sold: 766,284
1989 revenues: $73,315,000
established 1906

Monroe, City of*
215 N. Broad St., Box 725
Monroe, Ga. 30655
(404) 267-5756
John T. Briscoe Jr., Electric
Superintendent
customers: 4,597
1989 MWh generated: 0
1989 MWh purchased: 96,192
1989 MWh sold: 92,746
1989 revenues: $5,547,000
established 1906

Monticello, City of*
115 E. Green St.
Monticello, Ga. 31064
(404) 468-6062
Harry H. Aldridge Jr., Mayor
customers: 1,152
1989 MWh generated: 0
1989 MWh purchased: 18,520
1989 MWh sold: 16,771
1989 revenues: $1,295,000
established 1905

Moultrie, City of*
Box 580
Moultrie, Ga. 31776
(912) 985-1974
Robert C. Roberson, City Manager
customers: 6,703
1989 MWh generated: 0
1989 MWh purchased: 161,685
1989 MWh sold: 161,685
1989 revenues: $10,158,000
established 1898

Newnan Water, Sewerage & Light Commission*
70 Sewell Road
Newnan, Ga. 30263
(404) 253-5516
Dennis McEntire, General Manager
customers: 6,093
1989 MWh generated: 0
1989 MWh purchased: 111,256
1989 MWh sold: 102,391
1989 revenues: $9,186,000
established 1904

Norcross, City of*
65 Lawrenceville St.
Norcross, Ga. 30017
(404) 448-2122
Scott Brooks, Electric Superintendent
customers: 3,343
1989 MWh generated: 0
1989 MWh purchased: 55,300
1989 MWh sold: 52,851
1989 revenues: $3,803,000
established 1929

Oxford, City of*
810 Whatcoat St., Box 207
Oxford, Ga. 30267
(404) 786-7004
Roscoe Wonack Jr., Superintendent
customers: 608
1989 MWh generated: 0
1989 MWh purchased: 10,745
1989 MWh sold: 10,691
1989 revenues: $735,000

Palmetto, City of*
549 Main St., Drawer C
Palmetto, Ga. 30268
(404) 463-3377
William H. Shell, City Administrator
customers: 1,180
1989 MWh generated: 0
1989 MWh purchased: 26,389
1989 MWh sold: 25,607
1989 revenues: $1,500,000

Quitman, City of*
Box 208
Quitman, Ga. 31643
(912) 263-4166
Kerry S. Waldron, City Manager
customers: 2,444
1989 MWh generated: 0
1989 MWh purchased: 50,592
1989 MWh sold: 44,710
1989 revenues: $3,160,000
established 1905

Sandersville, City of*
Box 71
Sandersville, Ga. 31082
(912) 552-3475
John D. Everett, City Clerk
customers: 2,522
1989 MWh generated: 0
1989 MWh purchased: 56,779
1989 MWh sold: 44,779
1989 revenues: $3,355,000
established 1907

Sylvania, City of
Box 555
Sylvania, Ga. 30467
(912) 564-7411
Roland C. Stubbs, City Manager
customers: 2,012
1989 MWh generated: 0
1989 MWh purchased: 103,338
1989 MWh sold: 98,269
1989 revenues: $5,506,000
established 1910

Sylvester, City of*
105 E. King St.
Sylvester, Ga. 31791
(912) 776-8508
Charles Jones, Superintendent of
Utilities
customers: 2,416
1989 MWh generated: 0
1989 MWh purchased: 67,053
1989 MWh sold: 60,148
1989 revenues: $4,112,000
established 1903

Thomaston, City of*
613 N. Church St.
Thomaston, Ga. 30286
(404) 647-6633
Skip Nalley, City Manager
customers: 3,989
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 73,618
1989 MWh sold: 66,451
1989 revenues: $5,394,000

Thomasville Water & Light Department*
411 W. Jackson St., Box 1397
Thomasville, Ga. 31799
(912) 226-3518
William T. Berry, General
Superintendent
customers: 12,414
1989 MWh generated: 0
1989 MWh purchased: 378,643
1989 MWh sold: 359,596
1989 revenues: $22,656,000
established 1906

Washington, City of*
Box 9
Washington, Ga. 30673
(404) 678-3277
Warren D. Sisson, City Administrator
customers: 2,258
1989 MWh generated: 0
1989 MWh purchased: 88,063
1989 MWh sold: 85,880
1989 revenues: $4,649,000

West Point, City of*
Box 487
West Point, Ga. 31833
(404) 645-2226
Joel T. Wood, City Administrator
customers: 1,585
1989 MWh generated: 0
1989 MWh purchased: 32,831
1989 MWh sold: 29,272
1989 revenues: $2,161,000
established 1900

Whigham, City of*
Box 71
Whigham, Ga. 31797
(912) 762-4114
Keith Sandefur, Electric
Superintendent
customers: 273
1989 MWh generated: 0
1989 MWh purchased: 5,986
1989 MWh sold: 5,141
1989 revenues: $351,000
established 1908

Guam

Guam Power Authority*
Box 2977
Agana, GU 96910
(671) 447-9100
John M. Benavente, General Manager
customers: 30,644
nameplate capacity (kW): unavailable
1989 MWh generated: 1,307,779
1989 MWh purchased: 0
1989 MWh sold: 701,672
1989 revenues: $62,749,000
established 1968

Idaho

Albion Light & Water Plant
Box 163
Albion, Idaho 83311
(208) 673-5351
John K. Powell, Mayor
customers: 160
1989 MWh generated: 0
1989 MWh purchased: 3,134
1989 MWh sold: 3,134
1989 revenues: $104,000
established 1916

Bonners Ferry, City of*
104 Main St., Box 149
Bonners Ferry, Idaho 83805
(208) 267-3105
Mike Woodward, City Administrator
customers: 1,892
nameplate capacity (kW): hydro:
4,000; oil: 200
1989 MWh generated: 27,861
1989 MWh purchased: 46,641
1989 MWh sold: 57,239
1989 revenues: $2,177,000
established 1922

Burley, City of*
2020 Parke Ave., Box 1090
Burley, Idaho 83318
(208) 678-2538
Donald R. Hill, Utilities Director
customers: 3,800
1989 MWh generated: 0
1989 MWh purchased: 104,000
1989 MWh sold: 102,000
1989 revenues: $3,854,000

Declo, City of
Box 159
Declo, Idaho 83323
(208) 654-2124
Nelda Matthews, Clerk
customers: 107
1989 MWh generated: 0
1989 MWh purchased: 3,096
1989 MWh sold: 2,852
1989 revenues: $84,000
established 1910

Heyburn, City of
Box 147
Heyburn, Idaho 83336
(208) 678-8158
Bob Despain, Manager
customers: 965
1989 MWh generated: 0
1989 MWh purchased: 91,411
1989 MWh sold: 89,792
1989 revenues: $2,760,000

Idaho Falls, City of*
140 S. Capital, Box 50220
Idaho Falls, Idaho 83405
(208) 529-1430
Steve Harrison, Manager
customers: 19,200
nameplate capacity (kW): hydro:
50,400
1989 MWh generated: 55,899
1989 MWh purchased: 510,345
1989 MWh sold: 524,304
1989 revenues: $20,370,000
established 1900

Minidoka, City of
Box 85
Minidoka, Idaho 83343
(208) 532-4575
Deon Fassett, Clerk
customers: 45
1989 MWh generated: 0
1989 MWh purchased: 917
1989 MWh sold: 704
1989 revenues: $31,000
established 1924

Plummer, City of
Box B
Plummer, Idaho 83851
(208) 686-1386
John L. Hines, Superintendent of
Public Works
customers: 697
1989 MWh generated: 0
1989 MWh purchased: 27,712
1989 MWh sold: 27,016
1989 revenues: $1,107,000
established 1916

Rupert, City of
Box 426
Rupert, Idaho 83350
(208) 436-9608
Ivan L. Myers, Electric Department
customers: 2,656
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 75,251
1989 MWh sold: 75,355
1989 revenues: $2,713,000
established 1919

Soda Springs, City of
9 W. Second St. S.
Soda Springs, Idaho 83276
(208) 547-2151
Clayton Schmitt, City Administrator
customers: 1,535
nameplate capacity (kW): hydro: 700
1989 MWh generated: 1,771
1989 MWh purchased: 22,713
1989 MWh sold: 23,052
1989 revenues: $1,089,000
established 1912

Weiser, City of
55 W. Idaho St.
Weiser, Idaho 83672
(208) 549-1965
M. I. Moore, Clerk
customers: 2,148
1989 MWh generated: 0
1989 MWh purchased: 43,356

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1989 MWh sold: 40,403
1989 revenues: $1,821,000
established 1908

Illinois

Albany, City of
101 N. Lime St., Box 356
Albany, Ill. 61230
(309) 887-4064
Gary Gooch, Electrical Superintendent
customers: 387
1989 MWh generated: 0
1989 MWh purchased: 4,049
1989 MWh sold: 3,929
1989 revenues: $275,000

Allendale, Village of*
Box 85
Allendale, Ill. 62410
(618) 299-3181
Rick Medler, Superintendent
customers: 272
1989 MWh generated: 0
1989 MWh purchased: 2,777
1989 MWh sold: 2,365
1989 revenues: $133,000
established 1949

Altamont, City of
202 N. 2nd St., Box 305
Altamont, Ill. 62411
(618) 483-5212
Terry White, Electrical Superintendent
customers: 1,235
1989 MWh generated: 0
1989 MWh purchased: 18,738
1989 MWh sold: 14,667
1989 revenues: $1,079,000
established 1901

Batavia, City of
101 N. Island Ave.
Batavia, Ill. 60510
(708) 879-1424
Gary Larsen, Superintendent
customers: 6,628
1989 MWh generated: 0
1989 MWh purchased: 158,952
1989 MWh sold: 151,972
1989 revenues: $9,957,000
established 1898

Bethany, Village of+ *
201 W. Main St., Box 352
Bethany, Ill. 61914
(217) 665-3351
Michael W. Collins, Manager of Utility
customers: 674
1989 MWh generated: 0
1989 MWh purchased: 8,000
1989 MWh sold: 7,500
1989 revenues: $467,000
established 1914

Breese, City of*
290 N. Clinton St.
Breese, Ill. 62230
(618) 526-7151
Martin F. Johnson, Superintendent of Utilities
customers: 1,595
nameplate capacity (kW): oil: 9,700
1989 MWh generated: 304
1989 MWh purchased: 27,048
1989 MWh sold: 26,521
1989 revenues: $1,829,000
established 1905

Bushnell, City of*
148 E. Hail St.
Bushnell, Ill. 61422
(309) 772-2029
Michael McCleery, Manager of Utility
customers: 1,274
1989 MWh generated: 0
1989 MWh purchased: 25,000
1989 MWh sold: 24,000
1989 revenues: $1,461,000
established 1941

Cairo Public Utility Commission*
1100 Commercial Ave.
Cairo, Ill. 62914
(618) 734-3200
Karl H. Klein, General Manager
customers: 2,372
1989 MWh generated: 0
1989 MWh purchased: 86,917
1989 MWh sold: 82,614
1989 revenues: $4,328,000
established 1947

Carlyle Municipal Electric*
850 Franklin St.
Carlyle, Ill. 62231
(618) 594-3221
Larry Hawn, Electric Superintendent
customers: 1,599
nameplate capacity (kW): oil: 5,900
1989 MWh generated: 196
1989 MWh purchased: 28,541
1989 MWh sold: 25,077
1989 revenues: $1,903,000
established 1901

Carmi Light & Water
225 E. Main St.
Carmi, Ill. 62821
(618) 382-5555
Jimmy Gaines, Mayor
customers: 3,615
nameplate capacity (kW): gas: 15,000; oil: 1,800
1989 MWh generated: 1,472
1989 MWh purchased: 53,150
1989 MWh sold: 47,809
1989 revenues: $3,361,000
established 1890

Casey, City of
108 E. Main St.
Casey, Ill. 62420
(217) 932-4885
John O. Bell, Superintendent of Utilities
customers: 1,820
1989 MWh generated: 0
1989 MWh purchased: 25,810
1989 MWh sold: 23,455
1989 revenues: $1,565,000
established 1900

Chatham, Village of*
117 E. Mulberry St.
Chatham, Ill. 62629
(217) 483-2451
Edward Osman, Chairman, Electric Trustees
customers: 2,434
1989 MWh generated: 0
1989 MWh purchased: 29,112
1989 MWh sold: 26,720
1989 revenues: $1,860,000
established 1942

Fairfield, City of
109 N.E. 2nd St.
Fairfield, Ill. 62837
(618) 842-4821
Claude Trotter, Superintendent
customers: 3,235
nameplate capacity (kW): gas: 4,800; oil: 7,700
1989 MWh generated: 591
1989 MWh purchased: 65,564
1989 MWh sold: 61,245
1989 revenues: $3,648,000
established 1898

Farmer City, City of*
105 S. Main St., Box 40
Farmer City, Ill. 61842
(309) 928-3421
Richard Carter, Superintendent
customers: 1,281
nameplate capacity (kW): gas: 5,000; oil: 2,000
1989 MWh generated: 53
1989 MWh purchased: 14,589
1989 MWh sold: 13,520
1989 revenues: $1,027,000
established 1888

Flora, City of
122 N. Main St.
Flora, Ill. 62839
(618) 662-8313
Marion Long, Public Works Director
customers: 2,784
1989 MWh generated: 0
1989 MWh purchased: 64,468
1989 MWh sold: 59,008
1989 revenues: $3,908,000

Freeburg Municipal Light & Power
412 W. High
Freeburg, Ill. 62243
(618) 539-3112
Quinton W. Laabs, Director of Services
customers: 1,399
nameplate capacity (kW): gas: 5,500; oil: 1,600
1989 MWh generated: 237
1989 MWh purchased: 20,935
1989 MWh sold: 18,886
1989 revenues: $1,195,000
established 1904

Geneseo, City of+ *
101 S. State
Geneseo, Ill. 61254
(309) 944-5899
Wayne Smithson, Superintendent
customers: 3,162
nameplate capacity (kW): gas: 23,200; oil: 1,000
1989 MWh generated: 26,800
1989 MWh purchased: 23,300
1989 MWh sold: 46,300
1989 revenues: $2,834,000
established 1933

Geneva, City of
1800 South St.
Geneva, Ill. 60134
(708) 232-1503
Bill Hinds, Superintendent
customers: 5,387
1989 MWh generated: 0
1989 MWh purchased: 138,240
1989 MWh sold: 133,605
1989 revenues: $8,145,000
established 1894

Greenup, Village of
115 Cumberland St.
Greenup, Ill. 62428
(217) 923-3490
John D. Carr, Superintendent of Utilities
customers: 893
1989 MWh generated: 0
1989 MWh purchased: 10,836
1989 MWh sold: 9,603
1989 revenues: $720,000
established 1954

Highland, City of*
1115 Broadway St.
Highland, Ill. 62249
(618) 654-7511
Joseph E. Frey, City Manager
customers: 4,573
nameplate capacity (kW): gas: 13,000
1989 MWh generated: 400
1989 MWh purchased: 95,000
1989 MWh sold: 90,000
1989 revenues: $5,542,000
established 1899

Ladd, Village of
121 N. Main St., Box 305
Ladd, Ill. 61329
(815) 894-2351
Clarence Foster, General Superintendent
customers: 555
1989 MWh generated: 0
1989 MWh purchased: 5,641
1989 MWh sold: 4,406
1989 revenues: $395,000

Marshall Utilities+ *
708 Archer Ave., Box 298
Marshall, Ill. 62441
(217) 826-8087
George Q. Smith, Superintendent
customers: 2,088
1989 MWh generated: 0
1989 MWh purchased: 37,570
1989 MWh sold: 34,235
1989 revenues: $2,234,000
established 1903

Mascoutah, City of
40 W. Union St.
Mascoutah, Ill. 62258
(618) 566-2965
Gary C. Mackey, City Manager
customers: 2,329
nameplate capacity (kW): oil: 6,700
1989 MWh generated: 288
1989 MWh purchased: 32,041
1989 MWh sold: 27,846
1989 revenues: $1,901,000
established 1903

McLeansboro, City of
102 W. Main St.
McLeansboro, Ill. 62859
(618) 643-2224
Joe Evans, Superintendent, Electric
customers: 1,618
nameplate capacity (kW): oil: 8,600
1989 MWh generated: 172
1989 MWh purchased: 19,406
1989 MWh sold: 16,580
1989 revenues: $1,952,000
established 1897

Metropolis, City of
106 W. Fifth St.
Metropolis, Ill. 62960
(618) 524-2711
Curtis Lang, Light Superintendent
customers: 3,409
1989 MWh generated: 0
1989 MWh purchased: 51,215
1989 MWh sold: 42,746
1989 revenues: $3,072,000

Naperville, City of
175 W. Jackson Ave.
Naperville, Ill. 60566
(708) 420-6181
Ronald S. Miller, City Manager
customers: 34,238
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 695,110
  from nonutilities: 4,012
1989 MWh sold: 684,532
1989 revenues: $46,666,000
established 1898

Newton, City of
108 N. Van Buren St., Box 165
Newton, Ill. 62448
(618) 783-8452
Bob Reynolds, Electric Department Head
customers: 1,681
1989 MWh generated: 0
1989 MWh purchased: 25,540
1989 MWh sold: 21,947
1989 revenues: $1,411,000
established 1925

Oglesby, City of*
128 W. Walnut St., Box 10

Oglesby, Ill. 61348
(815) 883-3389
Craig Stickney, Utilities Superintendent
customers: 1,767
1989 MWh generated: 0
1989 MWh purchased: 20,751
1989 MWh sold: 18,340
1989 revenues: $1,303,000
established 1925

Peru, City of*
1415 Water St., Box 299
Peru, Ill. 61354
(815) 223-0044
Joe Prazen, Superintendent of Light Plant
customers: 4,767
1989 MWh generated: 0
1989 MWh purchased: 87,000
1989 MWh sold: 79,600
1989 revenues: $5,602,000
established 1924

Princeton, City of+ *
2 S. Main St.
Princeton, Ill. 61356
(815) 872-5551
Terry Maloy, Supt. of Electric Distribution
customers: 3,895
nameplate capacity (kW): gas: 38,400
1989 MWh generated: 435
1989 MWh purchased: 81,528
1989 MWh sold: 75,106
1989 revenues: $5,011,000
established 1900

Rantoul, Village of+ *
100 W. Grove St.
Rantoul, Ill. 61866
(217) 897-2178
Herb Bennett, Superintendent
customers: 5,196
nameplate capacity (kW): gas: 17,000
1989 MWh generated: 10
1989 MWh purchased: 98,060
1989 MWh sold: 91,319
1989 revenues: $5,814,000
established 1898

Red Bud, City of
200 E. Market St.
Red Bud, Ill. 62278
(618) 282-3339
Ray Mitchell, Superintendent
customers: 1,463
nameplate capacity (kW): gas: 9,400; oil: 1,600
1989 MWh generated: 207
1989 MWh purchased: 37,173
1989 MWh sold: 35,305
1989 revenues: $2,037,000
established 1904

Riverton, Village of
313 E. Jefferson St.
Riverton, Ill. 62561
(217) 629-9122
Michael Brewer, Superintendent
customers: 1,356
1989 MWh generated: 0
1989 MWh purchased: 13,934
1989 MWh sold: 13,506
1989 revenues: $1,017,000

Rochelle, City of+ *
333 Line Highway
Rochelle, Ill. 61068
(815) 562-4155
General Superintendent
customers: 5,688
nameplate capacity (kW): gas: 32,300; oil: 3,700
1989 MWh generated: 49,220
1989 MWh purchased: 98,692
1989 MWh sold: 132,814
1989 revenues: $9,021,000
established 1893

Rock Falls, City of+ *
603 W. 10th St.
Rock Falls, Ill. 61071-1576
(815) 622-1145
Robert O'Donnell, Director
customers: 5,132
nameplate capacity (kW): unavailable
1989 MWh generated: 8,200
1989 MWh purchased: 59,666
1989 MWh sold: 62,089
1989 revenues: $4,997,000
established 1895

Roodhouse, City of
City Hall
Roodhouse, Ill. 62082
(217) 589-4635
Dannie Monroe, Superintendent
customers: 907
1989 MWh generated: 0
1989 MWh purchased: 10,879
1989 MWh sold: 9,588
1989 revenues: $747,000
established 1892

St. Charles, City of*
2 E. Main St.
St. Charles, Ill. 60174
(708) 377-4407
Patrick J. Boyle, Director
customers: 10,367
1989 MWh generated: 0
1989 MWh purchased: 295,451
1989 MWh sold: 275,768
1989 revenues: $17,361,000

Springfield City Water, Light & Power+ *
Municipal Bldg., 7th & Monroe Sts., Room 201
Springfield, Ill. 62757
(217) 789-2000
Lynn Frasco, General Manager
customers: 59,103
nameplate capacity (kW): coal: 463,000; oil: 44,200
1989 MWh generated: 1,632,019
1989 MWh purchased: 27,176
1989 MWh sold: retail: 1,406,898
wholesale: 149,270
1989 revenues: retail: $77,292,000
wholesale: $3,685,000
established 1906

Sullivan, City of*
2 W. Harrison St.
Sullivan, Ill. 61951
(217) 728-4383
William Harris, Electric Superintendent
customers: 2,353
nameplate capacity (kW): gas: 14,400; oil: 1,400
1989 MWh generated: 28,672
1989 MWh purchased: 19,296
1989 MWh sold: 41,958
1989 revenues: $2,614,000
established 1914

Waterloo, City of
104 W. Fourth St.
Waterloo, Ill. 62298
(618) 939-6413
George Muertz, Superintendent
customers: 2,564
nameplate capacity (kW): gas: 6,800; oil: 4,700
1989 MWh generated: 98
1989 MWh purchased: 36,685
1989 MWh sold: 33,897
1989 revenues: $2,049,000

Winnetka, Village of+ *
510 Green Bay Road
Winnetka, Ill. 60093
(708) 446-2500
Bryan McInturff, Director of Water & Electric
customers: 4,976
nameplate capacity (kW): coal: 22,500; oil: 4,800
1989 MWh generated: 27,259
1989 MWh purchased: 62,478
1989 MWh sold: 83,349
1989 revenues: $7,299,000
established 1900

Indiana

Advance Municipal Light & Power*
Town of Advance
Advance, Ind. 46102
(317) 676-6611
Mark C. Landrum, Superintendent
customers: 291
1989 MWh generated: 0
1989 MWh purchased: 3,656
1989 MWh sold: 3,244
1989 revenues: $229,000
established 1914

Anderson Municipal Light & Power*
550 Baxter Road
Anderson, Ind. 46011
(317) 646-5741
Charles J. Myers, Superintendent
customers: 33,407
1989 MWh generated: 0
1989 MWh purchased: 604,278
1989 MWh sold: 594,281
1989 revenues: $32,037,000
established 1897

Argos, Town of
119 W. Walnut St.
Argos, Ind. 46501
(219) 892-5717
Robert Palmer, Superintendent
customers: 774
1989 MWh generated: 0
1989 MWh purchased: 26,000
1989 MWh sold: 26,000
1989 revenues: $1,553,000
established 1897

Auburn, City of
Cedar & Ninth Sts.
Auburn, Ind. 46706
(219) 925-5430
Stuart Tuttle, Superintendent
customers: 4,746
1989 MWh generated: 0
1989 MWh purchased: 257,586
1989 MWh sold: 246,688
1989 revenues: $14,417,000
established 1900

Avilla, City of
117 S. Main St., Box 49
Avilla, Ind. 46710
(219) 897-2781
Jean Traxler, Clerk-Treasurer
customers: 603
1989 MWh generated: 0
1989 MWh purchased: 13,620
1989 MWh sold: 12,406
1989 revenues: $682,000
established 1912

Bainbridge, Town of*
Box 343
Bainbridge, Ind. 46105
(317) 522-6238
James Nelson, Superintendent
customers: 341
1989 MWh generated: 0
1989 MWh purchased: 3,656
1989 MWh sold: 3,371
1989 revenues: $218,000
established 1915

Bargersville Power & Light*
Box 420
Bargersville, Ind. 46106
(317) 422-5115
Joe M. Harrod, Superintendent
customers: 1,891
1989 MWh generated: 0
1989 MWh purchased: 30,910
1989 MWh sold: 29,062
1989 revenues: $1,888,000
established 1921

Bluffton, City of
128 E. Market St.
Bluffton, Ind. 46714
(219) 824-2500
Edward C. Davis, Superintendent
customers: 4,637
nameplate capacity (kW): gas: 5,000; oil: 2,000
1989 MWh generated: 4,937
1989 MWh purchased: 134,390
1989 MWh sold: 133,516
1989 revenues: $5,640,000
established 1889

Boonville, City of
Box 508
Boonville, Ind. 47601
(812) 897-0140
Charles E. Davis, Director
customers: 3,456
1989 MWh generated: 0
1989 MWh purchased: 62,300
1989 MWh sold: 57,300
1989 revenues: $4,066,000

Bremen Electric Light & Power Co.*
104 W. Plymouth St.
Bremen, Ind. 46506
(219) 546-4324
Lowell Martin, Superintendent
customers: 1,903
1989 MWh generated: 0
1989 MWh purchased: 62,887
1989 MWh sold: 58,994
1989 revenues: $2,948,000
established 1895

Brooklyn, Town of
10 N. Main St.
Brooklyn, Ind. 46111
(311) 831-3343
Rick Hobious, Superintendent
customers: 493
1989 MWh generated: 0
1989 MWh purchased: 5,789
1989 MWh sold: 5,442
1989 revenues: $400,000

Brookston, Town of
205 E. Third St., Box 238
Brookston, Ind. 47923
(317) 563-3171
Marvin Amsler, Superintendent
customers: 798
1989 MWh generated: 0
1989 MWh purchased: 11,000
1989 MWh sold: 10,000
1989 revenues: $570,000
established 1916

Cannelton, City of
610 Washington St.
Cannelton, Ind. 47520
(812) 547-7919
Jeff Braun, General Manager
customers: 926
1989 MWh generated: 0
1989 MWh purchased: 18,984
1989 MWh sold: 17,546
1989 revenues: $1,091,000
established 1941

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

INDIANA *(continued)*

Centerville, Town of*
204 E. Main St.
Centerville, Ind. 47330
(317) 855-5515
James F. Bowen, Town Manager
customers: 1,507
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 19,893
1989 MWh sold: 15,599
1989 revenues: $923,000
established 1913

Chalmers, Town of
Box 827
Chalmers, Ind. 47929
(219) 984-5494
Perry W. Hughes, Superintendent
customers: 311
1989 MWh generated: 0
1989 MWh purchased: 3,402
1989 MWh sold: 3,023
1989 revenues: $194,000
established 1915

Coatesville, Town of
Box 143
Coatesville, Ind. 46121
(317) 386-7490
Marion F. Wallus, Manager, Light & Power Department
customers: 275
1989 MWh generated: 0
1989 MWh purchased: 3,305
1989 MWh sold: 3,113
1989 revenues: $193,000
established 1912

Columbia City, City of*
112 S. Chauncey St.
Columbia City, Ind. 46725
(219) 244-5141
Joe Miller, Superintendent
customers: 4,157
1989 MWh generated: 0
1989 MWh purchased: 87,624
1989 MWh sold: 83,004
1989 revenues: $5,345,000

Covington, City of*
413 Washington St.
Covington, Ind. 47932
(317) 793-2331
David Clodfelder, Superintendent
customers: 1,526
1989 MWh generated: 0
1989 MWh purchased: 21,535
1989 MWh sold: 19,958
1989 revenues: $1,186,000
established 1913

Crawfordsville Electric, Light and Power+ *
808 Lafayette Road, Box 428
Crawfordsville, Ind. 47933
(317) 362-1900
Roy E. Kaser, Manager
customers: 8,138
nameplate capacity (kW): coal: 24,150
1989 MWh generated: 38,954
1989 MWh purchased: 309,782
1989 MWh sold: retail: 303,137
  wholesale: 38,954
1989 revenues: retail: $13,304,000
  wholesale: $2,742,000
established 1890

Darlington Light & Power Co.*
104 S. Franklin St.
Darlington, Ind. 47940
(317) 794-4496
Richard A. Smith, Superintendent
customers: 570
1989 MWh generated: 0
1989 MWh purchased: 9,965
1989 MWh sold: 8,777
1989 revenues: $563,000
established 1919

Dublin, Town of
Cumberland St.
Dublin, Ind. 47335
(317) 478-4878
Rex Snyder, Superintendent
customers: 476
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 43,704
1989 MWh sold: 43,704
1989 revenues: $3,817,000
established 1920

Dunreith, City of
Box 282
Dunreith, Ind. 47337
(317) 987-7474
Shelby Lenville, Clerk/Treasurer
customers: 212
1989 MWh generated: 0
1989 MWh purchased: 1,111
1989 MWh sold: 1,108
1989 revenues: $79,000

Edinburgh Municipal Utility*
107 S. Holland St., Box 65
Edinburgh, Ind. 46124-0065
(812) 526-2919
Robert L. Davis, Public Works Director
customers: 2,316
1989 MWh generated: 0
1989 MWh purchased: 70,882
1989 MWh sold: 65,754
1989 revenues: $3,571,000
established 1898

Etna Green, Town of
Box 183
Etna Green, Ind. 46524
(219) 858-9321
Loren L. Melton, Superintendent
customers: 339
1989 MWh generated: 0
1989 MWh purchased: 3,507
1989 MWh sold: 3,210
1989 revenues: $244,000
established 1890

Ferdinand, Town of
123 W. Fifth St., Box 7
Ferdinand, Ind. 47532
(812) 367-1011
James R. Meyer, Superintendent
customers: 716
1989 MWh generated: 0
1989 MWh purchased: 20,000
1989 MWh sold: 18,000
1989 revenues: $1,157,000
established 1922

Flora, Town of*
27 W. Main St.
Flora, Ind. 46929
(219) 967-4844
Charles H. Everett, Superintendent
customers: 1,172
1989 MWh generated: 0
1989 MWh purchased: 21,006
1989 MWh sold: 18,877
1989 revenues: $1,080,000
established 1946

Frankfort, City of*
1000 Washington Ave., Box 458
Frankfort, Ind. 46041
(317) 654-4424
Tom Donoho, Superintendent
customers: 8,478
1989 MWh generated: 0
1989 MWh purchased: 245,259
1989 MWh sold: 231,700
1989 revenues: $11,313,000
established 1902

Frankton Municipal Light & Water Co.*
105 Church St., Box 286
Frankton, Ind. 46044
(317) 754-7285
Donald E. Cook, Superintendent
customers: 1,026
1989 MWh generated: 0
1989 MWh purchased: 16,320
1989 MWh sold: 12,341
1989 revenues: $863,000
established 1900

Garrett, City of
S. Randolph St., Box 120
Garrett, Ind. 46738
(219) 357-4400
David N. Conkle, Superintendent
customers: 2,734
1989 MWh generated: 0
1989 MWh purchased: 52,132
1989 MWh sold: 49,218
1989 revenues: $2,824,000
established 1896

Gas City, City of*
211 E. Main St.
Gas City, Ind. 46933
(317) 674-6995
Joseph Mitsch, Superintendent
customers: 2,651
1989 MWh generated: 0
1989 MWh purchased: 46,013
1989 MWh sold: 43,428
1989 revenues: $2,410,000

Greendale, Town of*
510 Ridge Ave.
Lawrenceburg, Ind. 47025
(812) 537-2125
F. R. Rudolph, Manager
customers: 1,882
1989 MWh generated: 0
1989 MWh purchased: 85,838
1989 MWh sold: 83,260
1989 revenues: $3,735,000
established 1934

Greenfield, City of*
333 S. Franklin St.
Greenfield, Ind. 46140
(317) 462-8510
Fred Sauterteig, Superintendent
customers: 5,193
1989 MWh generated: 0
1989 MWh purchased: 121,261
1989 MWh sold: 114,425
1989 revenues: $6,106,000
established 1892

Hagerstown, Town of
Town Hall, 49 E. College St.
Hagerstown, Ind. 47346
(317) 489-5132
Carl Allen, Director of Municipal Operations
customers: 15,442
1989 MWh generated: 0
1989 MWh purchased: 20,000
1989 MWh sold: 19,690
1989 revenues: $1,158,000
established 1923

Huntingburg, City of*
511 Fourth St.
Huntingburg, Ind. 47542
(812) 683-2327
Loma Wm. Hartke, Superintendent
customers: 2,798
1989 MWh generated: 0
1989 MWh purchased: 65,184
1989 MWh sold: 55,914
1989 revenues: $3,606,000

Jamestown, City of*
21 E. Main St.
Jamestown, Ind. 46147
(317) 676-6331
Wayne D. Henry, Superintendent
customers: 471
1989 MWh generated: 0
1989 MWh purchased: 6,924
1989 MWh sold: 6,395
1989 revenues: $342,000
established 1917

Jasper, City of*
606 Main St., Box 150
Jasper, Ind. 47546
(812) 482-3003
Gordon Houchin, Manager
customers: 5,244
nameplate capacity (kW): coal: 14,500
1989 MWh generated: 92,000
1989 MWh purchased: 135,000
1989 MWh sold: 217,000
1989 revenues: $10,967,000
established 1904

Kingsford Heights, Town of
504 Grayton Road
Kingsford Heights, Ind. 46346
(219) 393-3309
Ron L. Cooper, Superintendent
customers: 534
1989 MWh generated: 0
1989 MWh purchased: 4,456
1989 MWh sold: 4,060
1989 revenues: $474,000
established 1964

Knightstown, Town of
26 S. Washington St.
Knightstown, Ind. 46148
(317) 345-5977
William Morgan, Works Manager
customers: 1,589
1989 MWh generated: 0
1989 MWh purchased: 18,864
1989 MWh sold: 16,863
1989 revenues: $1,049,000
established 1894

Ladoga Light & Power*
121 E. Main St., Box 187
Ladoga, Ind. 47954
(317) 942-2531
Billy J. McIntyre, Superintendent
customers: 590
1989 MWh generated: 0
1989 MWh purchased: 7,636
1989 MWh sold: 7,016
1989 revenues: $421,000

Lawrenceburg, City of*
405 Main St., Box 112
Lawrenceburg, Ind. 47025
(812) 537-2420
Roland R. Horney, Director of Utilities
customers: 2,663
1989 MWh generated: 0
1989 MWh purchased: 77,000
1989 MWh sold: 77,000
1989 revenues: $3,991,000

Lebanon, City of+ *
201 E. Main St., Box 479
Lebanon, Ind. 46052
(317) 482-5100
James B. Nelson, Manager
customers: 5,793
1989 MWh generated: 0
1989 MWh purchased: 120,168
1989 MWh sold: 116,271
1989 revenues: $6,088,000
established 1942

Lewisville, City of
Box 288
Lewisville, Ind. 47352
(317) 987-7979
Jim Thompson, Superintendent
customers: 230
1989 MWh generated: 0
1989 MWh purchased: 1,773
1989 MWh sold: 1,658
1989 revenues: $117,000

Linton, City of+ *
49 N.W. A St.
Linton, Ind. 47441

(812) 847-4971
Brent Slover, Superintendent of Utilities
customers: 3,724
1989 MWh generated: 0
1989 MWh purchased: 56,808
1989 MWh sold: 50,637
1989 revenues: $2,983,000
established 1912

Logansport, City of*
Sixth & Broadway Sts.
Logansport, Ind. 46947
(219) 753-6231
Klaus Hemberger, Superintendent
customers: 12,221
nameplate capacity (kW): coal: 43,000; oil: 18,000
1989 MWh generated: 75,924
1989 MWh purchased: 224,030
1989 MWh sold: 277,773
1989 revenues: $16,952,000

Middletown, Town of*
102 N. Fifth St.
Middletown, Ind. 47356
(317) 354-2911
Richard Westrater, Superintendent
customers: 1,310
1989 MWh generated: 0
1989 MWh purchased: 17,424
1989 MWh sold: 16,766
1989 revenues: $931,000
established 1911

Mishawaka, City of*
126 N. Church St.
Mishawaka, Ind. 46544
(219) 258-1630
Philip R. Miller, General Manager
customers: 21,450
1989 MWh generated: 0
1989 MWh purchased: 385,506
1989 MWh sold: 362,820
1989 revenues: $22,840,000
established 1904

Montezuma, Town of
1235 N. Jackson St.
Montezuma, Ind. 47862
(317) 245-2759
Robert Allen, Superintendent
customers: 662
1989 MWh generated: 0
1989 MWh purchased: 7,930
1989 MWh sold: 7,377
1989 revenues: $557,000

New Carlisle, Town of
113 S. Arch St.
New Carlisle, Ind. 46552
(219) 654-7554
Joe Knowlton, Electrical Superintendent
customers: 677
1989 MWh generated: 0
1989 MWh purchased: 8,605
1989 MWh sold: 8,180
1989 revenues: $598,000
established 1905

New Ross, City of
Box 156
New Ross, Ind. 47968
(317) 723-1154
Rebecca L. Lowe, Clerk/Treasurer
customers: 203
1989 MWh generated: 0
1989 MWh purchased: 2,190
1989 MWh sold: 2,056
1989 revenues: $123,000

Paoli Water & Light Department*
Municipal Building
Paoli, Ind. 47454
(812) 723-2739
Herbert Bostock, Superintendent
customers: 2,502
1989 MWh generated: 0
1989 MWh purchased: 32,499
1989 MWh sold: 29,214
1989 revenues: $2,039,000

Pendleton, Town of*
119 W. State St.
Pendleton, Ind. 46064
(317) 778-2173
Jack Guard, Town Manager
customers: 1,591
1989 MWh generated: 0
1989 MWh purchased: 26,654
1989 MWh sold: 25,468
1989 revenues: $1,438,000
established 1911

Peru Utilities*
335 E. Canal St., Box 67
Peru, Ind. 46970
(317) 473-6681
Dwight D. Langer, General Manager
customers: 10,227
nameplate capacity (kW): coal: 32,000
1989 MWh generated: 10,197
1989 MWh purchased: 169,956
1989 MWh sold: 170,771
1989 revenues: $8,204,000
established 1903

Pittsboro, Town of
Box 185
Pittsboro, Ind. 46167
(317) 892-3326
Charles Waters, Superintendent
customers: 427
1989 MWh generated: 0
1989 MWh purchased: 4,950
1989 MWh sold: 4,624
1989 revenues: $301,000

Rensselaer, City of+ *
122 S. Van Rensselaer St.
Rensselaer, Ind. 47978
(219) 866-8475
Joel D. Roper, City Engineer
customers: 2,713
nameplate capacity (kW): oil: 14,200
1989 MWh generated: 49
1989 MWh purchased: 64,649
1989 MWh sold: 60,403
1989 revenues: $3,561,000
established 1896

Richmond Power and Light+ *
2000 U.S. 27 S., Box 908
Richmond, Ind. 47375-0908
(317) 973-7200
Irving A. Huffman, General Manager
customers: 20,433
nameplate capacity (kW): coal: 93,000
1989 MWh generated: 507,430
1989 MWh purchased: 187,981
1989 MWh sold: 655,668
1989 revenues: $29,901,000
established 1902

Rising Sun Municipal Utility+ *
301 S. Poplar St., Box 38
Rising Sun, Ind. 47040
(812) 438-3616
Wayne L. Clements, Superintendent
customers: 1,332
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 20,545
1989 MWh sold: 19,414
1989 revenues: $1,152,000
established 1939

Rockville, Town of
103 W. High St.
Rockville, Ind. 47872
(317) 569-3569
Ray Shelton, Superintendent
customers: 1,816
1989 MWh generated: 0
1989 MWh purchased: 24,202
1989 MWh sold: 22,671
1989 revenues: $1,352,000

Scottsburg, City of*
2 E. McClain Ave.
Scottsburg, Ind. 47170
(812) 752-4343
James Satterly, Superintendent
customers: 3,069
1989 MWh generated: 0
1989 MWh purchased: 87,036
1989 MWh sold: 80,272
1989 revenues: $4,323,000
established 1902

South Whitley, Town of*
118 E. Front St.
South Whitley, Ind. 46787
(219) 723-5312
Robert Kneller, Superintendent
customers: 956
1989 MWh generated: 0
1989 MWh purchased: 19,000
1989 MWh sold: 18,000
1989 revenues: $1,059,000
established 1895

Spiceland, City of
130 E. Main St., Box 386
Spiceland, Ind. 47385
(317) 987-1211
Patsy M. Dobbs, Clerk/Treasurer
customers: 538
1989 MWh generated: 0
1989 MWh purchased: 6,175
1989 MWh sold: 5,344
1989 revenues: $314,000
established 1917

Straughn, Town of
Box 427
Straughn, Ind. 47387
(317) 332-2828
Eldon Sons, Superintendent
customers: 174
1989 MWh generated: 0
1989 MWh purchased: 1,175
1989 MWh sold: 1,005
1989 revenues: $73,000

Tell City, City of+ *
700 Main St., Box 9
Tell City, Ind. 47586
(812) 547-3411
Jack M. Joyce, Superintendent
customers: 3,929
1989 MWh generated: 0
1989 MWh purchased: 123,156
1989 MWh sold: 116,193
1989 revenues: $6,658,000
established 1941

Thorntown, City of
109 W. Main St.
Thorntown, Ind. 46071
(317) 436-2627
Jack Hutchens, Superintendent
customers: 763
1989 MWh generated: 0
1989 MWh purchased: 11,000
1989 MWh sold: 10,000
1989 revenues: $584,000
established 1951

Tipton Municipal Electric Utility+ *
113 Court St., Box 288
Tipton, Ind. 46072
(317) 675-7629
Noel C. Olse, Utility Manager
customers: 3,775
1989 MWh generated: 0
1989 MWh purchased: 83,702
1989 MWh sold: 80,543
1989 revenues: $4,223,000
established 1901

Troy, City of
Box 57
Troy, Ind. 47588
(812) 547-7501
Charles Kuntz, Superintendent
customers: 338
1989 MWh generated: 0
1989 MWh purchased: 7,400
1989 MWh sold: 7,042
1989 revenues: $529,000
established 1941

Veedersburg, Town of
118 Railroad Ave.
Veedersburg, Ind. 47987
(317) 294-2728
Eugene Fuller, Superintendent
customers: 1,075
1989 MWh generated: 0
1989 MWh purchased: 12,576
1989 MWh sold: 11,496
1989 revenues: $674,000
established 1898

Walkerton, City of
510 Roosevelt Road
Walkerton, Ind. 46574
(219) 586-3711
Jollie Back, Superintendent
customers: 1,255
1989 MWh generated: 0
1989 MWh purchased: 22,601
1989 MWh sold: 20,264
1989 revenues: $1,367,000
established 1906

Warren Municipal Electric Utility
132 Wayne St.
Warren, Ind. 46792
(219) 375-2656
Charles Booher, Superintendent
customers: 690
1989 MWh generated: 0
1989 MWh purchased: 12,729
1989 MWh sold: 11,854
1989 revenues: $760,000

Washington, City of*
City Utility Building, Box 800
Washington, Ind. 47501
(812) 254-5171
Jerry Boger, Superintendent
customers: 6,798
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 144,289
1989 MWh sold: 132,824
1989 revenues: $6,927,000
established 1926

Waynetown, City of*
Washington St.
Waynetown, Ind. 47990
(317) 234-2154
Richard Peterman, Superintendent
customers: 504
1989 MWh generated: 0
1989 MWh purchased: 4,746
1989 MWh sold: 4,234
1989 revenues: $273,000

Williamsport, City of
29 N. Monroe St.
Williamsport, Ind. 47993
(317) 762-2154
William Lucas, Clerk/Treasurer
customers: 882
1989 MWh generated: 0
1989 MWh purchased: 13,085
1989 MWh sold: 12,319
1989 revenues: $724,000
established 1899

Winamac, Town of+ *
120 W. Main St.
Winamac, Ind. 46996
(219) 946-3451
Kenneth McFarland, Manager
customers: 1,855

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

1989 MWh generated: 0
1989 MWh purchased: 51,011
1989 MWh sold: 46,663
1989 revenues: $2,829,000
established 1895

Iowa

Afton, City of
101 W. Kansas St.
Afton, Iowa 50830
(515) 347-5578
Robert Fisher, Electrical Superintendent
customers: 442
1989 MWh generated: 0
1989 MWh purchased: 5,464
1989 MWh sold: 4,563
1989 revenues: $370,000

Akron, City of+ *
Box 85
Akron, Iowa 51001
(712) 568-2041
Lloyd Eichacker, Director of Public Works
customers: 798
1989 MWh generated: 0
1989 MWh purchased: 11,418
1989 MWh sold: 9,877
1989 revenues: $452,000
established 1921

Algona Municipal Utilities*
104 W. Call St., Box 10
Algona, Iowa 50511
(515) 295-3584
Nicholas R. Scholer, General Manager
customers: 3,551
nameplate capacity (kW): coal: 18,000; oil: 13,400
1969 MWh generated: 113,555
1989 MWh purchased: 13,221
1989 MWh sold: retail: 75,653
wholesale: 48,832
1989 revenues: retail: $4,113,000
wholesale: $564,000
established 1898

Alta, City of+ *
223 Main St.
Alta, Iowa 51002
(712) 284-1122
Ronald L. Deiber, Superintendent
customers: 914
1989 MWh generated: 0
1989 MWh purchased: 12,521
1989 MWh sold: 10,300
1989 revenues: $530,000
established 1895

Alta Vista, City of
201 Main St.
Alta Vista, Iowa 50603
(515) 364-6732
Marvin Nielson, Superintendent
customers: 251
1989 MWh generated: 0
1989 MWh purchased: 1,709
1989 MWh sold: 1,709
1989 revenues: $111,000

Alton Municipal Light & Power+ *
905 Third Avenue, Box J
Alton, Iowa 51003
(712) 756-4314
Jeff Becthold, Public Works Director
customers: 518
1989 MWh generated: 0
1989 MWh purchased: 7,246
1989 MWh sold: 6,588
1989 revenues: $334,000
established 1968

Ames, City of+*
502 Carroll Ave.
Ames, Iowa 50010
(515) 239-5171
Merlin C. Hove, Director
customers: 16,092
nameplate capacity (kW): coal: 98,000; oil: 23,000
1989 MWh generated: 282,556
1989 MWh purchased: 0
1989 MWh sold: 316,648
1989 revenues: $17,779,000
established 1896

Anita, City of
828 Main St.
Anita, Iowa 50020
(712) 762-3845
Edward J. Brownsberger Jr., Superintendent
customers: 610
nameplate capacity (kW): oil: 800
1989 MWh generated: 8
1989 MWh purchased: 8,078
1989 MWh sold: 6,960
1989 revenues: $269,000
established 1939

Anthon, City of
301 E. Main
Anthon, Iowa 51004
(712) 373-5218
Robert Kindig, Manager
customers: 391
1989 MWh generated: 0
1989 MWh purchased: 4,984
1989 MWh sold: 4,724
1989 revenues: $329,000
established 1976

Aplington, City of
927 Parrot St.
Aplington, Iowa 50604
(319) 347-2425
Timothy Ubben, Superintendent
customers: 496
1989 MWh generated: 0
1989 MWh purchased: 5,287
1989 MWh sold: 4,611
1989 revenues: $312,000

Atlantic Municipal Utilities*
15 W. Third St., Box 517
Atlantic, Iowa 50022
(712) 243-1395
Richard J. Stevens, General Manager
customers: 4,352
nameplate capacity (kW): coal: 14,000; gas: 9,200
1989 MWh generated: 75,296
1989 MWh purchased: 43,406
1989 MWh sold: retail: 80,783
wholesale: 28,738
1989 revenues: retail: $3,846,000
wholesale: $352,000
established 1890

Auburn, City of
Box 238
Auburn, Iowa 51433
(712) 688-2264
Warren Presley, Superintendent
customers: 174
1989 MWh generated: 0
1989 MWh purchased: 1,630
1989 MWh sold: 1,401
1989 revenues: $116,000

Aurelia, City of
235 Main St.
Aurelia, Iowa 51005
(712) 434-2025
Edmund Radke, Chairman, Board of Trustees
customers: 559
1989 MWh generated: 0
1989 MWh purchased: 6,919
1989 MWh sold: 6,658
1989 revenues: $456,000
established 1974

Bancroft Municipal Utility
Box 67
Bancroft, Iowa 50517
(515) 885-2382
Tracy S. Elliott, Superintendent
customers: 571
nameplate capacity (kW): oil: 1,600
1989 MWh generated: 9,706
1989 MWh purchased: 0
1989 MWh sold: 8,390
1989 revenues: $542,000
established 1939

Bellevue, City of
106 N. Third
Bellevue, Iowa 52031
(319) 872-4456
Ray Beschen, Superintendent
customers: 1,393
nameplate capacity (kW): oil: 5,300
1989 MWh generated: 100
1989 MWh purchased: 14,784
1989 MWh sold: 13,542
1989 revenues: $1,104,000
established 1896

Bloomfield, City of
111 W. Franklin St.
Bloomfield, Iowa 52537
(515) 664-2260
Gary E. Stuva, Public Works Director
customers: 1,391
nameplate capacity (kW): gas: 8,500
1989 MWh generated: 10
1989 MWh purchased: 27,508
1989 MWh sold: 24,391
1989 revenues: $1,341,000
established 1911

Breda Municipal Utilities
118 Main St.
Breda, Iowa 51436
(712) 673-4221
James Ulveling, Manager
customers: 300
1989 MWh generated: 0
1989 MWh purchased: 4,643
1989 MWh sold: 3,714
1989 revenues: $207,000

Brooklyn, City of
207 Front St.
Brooklyn, Iowa 52211
(515) 522-9292
Dale Hawkins, Manager
customers: 816
nameplate capacity (kW): gas: 1,700; oil: 700
1989 MWh generated: 26
1989 MWh purchased: 10,285
1989 MWh sold: 9,568
1989 revenues: $575,000
established 1940

Buffalo, City of
409 Third St.
Buffalo, Iowa 52728
(319) 381-2226
Ralph Jewett, Public Works Director
customers: 502
1989 MWh generated: 0
1989 MWh purchased: 3,766
1989 MWh sold: 3,273
1989 revenues: $315,000

Burt, City of
119 Walnut St., Box 197
Burt, Iowa 50522
(515) 924-3618
James H. Redemske, Utility Superintendent
customers: 308
1989 MWh generated: 0
1989 MWh purchased: 3,500
1989 MWh sold: 3,300
1989 revenues: $225,000
established 1920

Callender, City of
730 Thomas St.
Callender, Iowa 50523
(515) 548-3859
Donna Eastman, City Clerk
customers: 199
1989 MWh generated: 0
1989 MWh purchased: 1,842
1989 MWh sold: 1,668
1989 revenues: $116,000
established 1965

Carlisle, City of*
115 School St.
Carlisle, Iowa 50047
(515) 989-0840
Bruce Johnson, Electric Supervisor
customers: 1,410
1989 MWh generated: 0
1989 MWh purchased: 17,300
1989 MWh sold: 15,400
1989 revenues: $913,000
established 1931

Cascade Municipal Utilities
201 Pierce St. S.W., Box 410
Cascade, Iowa 52033
(319) 852-3614
Fred A. Kremer, General Manager
customers: 888
nameplate capacity (kW): oil: 3,600
1989 MWh generated: 8
1989 MWh purchased: 12,425
1989 MWh sold: 11,783
1989 revenues: $771,000
established 1940

Cedar Falls Utilities+ *
612 E. 12th St., Box 769
Cedar Falls, Iowa 50613
(319) 266-1761
Dean Crowe, General Manager
customers: 14,140
nameplate capacity (kW): coal: 38,500; gas: 76,500
1989 MWh generated: 271,354
1989 MWh purchased: 0
1989 MWh sold: 284,135
1989 revenues: $12,606,000
established 1913

Coggon Municipal Light Plant
131 W. Main
Coggon, Iowa 52218
(319) 435-2436
Robert L. Farley, Superintendent
customers: 317
nameplate capacity (kW): oil: 1,800
1989 MWh generated: 7
1989 MWh purchased: 3,196
1989 MWh sold: 2,840
1989 revenues: $265,000
established 1927

Coon Rapids Municipal Utilities+ *
123 Third Ave., Box 207
Coon Rapids, Iowa 50058
(712) 684-2225
Eugene P. Smith, Manager
customers: 762
nameplate capacity (kW): oil: 4,000
1989 MWh generated: 17,041
1989 MWh purchased: 18,467
1989 MWh sold: retail: 17,398
wholesale: 14,124
1989 revenues: retail: $694,000
wholesale: $430,000
established 1936

Corning, City of+ *
501 Benton Ave.
Corning, Iowa 50841
(515) 322-3920
Dean R. Davis, Manager
customers: 1,155
nameplate capacity (kW): oil: 6,500
1989 MWh generated: 20
1989 MWh purchased: 16,344
1989 MWh sold: 14,717

1989 revenues: $530,000
established 1936

Corwith, City of
404 Main St.
Corwith, Iowa 50430
(515) 583-2342
Tim Berhow, Public Works
Administrator
customers: 216
1989 MWh generated: 0
1989 MWh purchased: 2,324
1989 MWh sold: 1,950
1989 revenues: $172,000

Danville, City of
105 W. Shepherd St., Box 265
Danville, Iowa 52623
(319) 392-4685
Allen W. Schillie, Superintendent
customers: 400
1989 MWh generated: 0
1989 MWh purchased: 4,911
1989 MWh sold: 4,362
1989 revenues: $230,000

Dayton Light & Power
101 S. Main St., Box 45
Dayton, Iowa 50530-0045
(515) 547-2711
Shirley B. Miller, City Clerk
customers: 461
nameplate capacity (kW): oil: 1,400
1989 MWh generated: 2
1989 MWh purchased: 5,134
1989 MWh sold: 3,982
1989 revenues: $313,000
established 1938

Denison Municipal Utilities+ *
16th and 5th Ave. So., Box 518
Denison, Iowa 51442
(712) 263-4154
Brad Roos, General Manager
customers: 3,165
1989 MWh generated: 0
1989 MWh purchased: 109,515
1989 MWh sold: 105,562
1989 revenues: $3,751,000
established 1914

Denver, City of
107 N. State St.
Denver, Iowa 50622
(319) 984-5642
Larry Zars, Superintendent
customers: 710
1989 MWh generated: 0
1989 MWh purchased: 9,113
1989 MWh sold: 8,571
1989 revenues: $572,000

Dike, City of
540 Main St.
Dike, Iowa 50624
(319) 989-2291
Donald Knudsen, Mayor
customers: 406
1989 MWh generated: 0
1989 MWh purchased: 5,326
1989 MWh sold: 4,749
1989 revenues: $338,000

Durant Municipal Electric Plant*
601 4th St.
Durant, Iowa 52747
(319) 785-6213
Greg A. Christensen, Superintendent
customers: 865
1989 MWh generated: 0
1989 MWh purchased: 12,891
1989 MWh sold: 11,503
1989 revenues: $757,000

established 1942

Dysart, City of
436 Main St.
Dysart, Iowa 52224
(319) 476-5690
Harold M. Langbehn, Superintendent
customers: 764
1989 MWh generated: 0
1989 MWh purchased: 8,000
1989 MWh sold: 6,000
1989 revenues: $481,000

Earlville Light & Water System
Box 67
Earlville, Iowa 52041
(319) 923-3365
Vincent Herman, General Manager
customers: 356
1989 MWh generated: 0
1989 MWh purchased: 3,000
1989 MWh sold: 3,000
1989 revenues: $226,000
established 1916

Eldridge, City of
305 N. Third St.
Eldridge, Iowa 52748
(319) 285-4841
Ronald McGill, General Utility
Manager
customers: 1,230
1989 MWh generated: 0
1989 MWh purchased: 19,108
1989 MWh sold: 17,483
1989 revenues: $1,555,000
established 1900

Ellsworth, City of
1551 Dewitt St.
Ellsworth, Iowa 50075
(515) 836-4751
Raymond L. Anderson, Superintendent
customers: 271
1989 MWh generated: 0
1989 MWh purchased: 10,544
1989 MWh sold: 10,483
1989 revenues: $705,000

Estherville, City of
2 N. Seventh St.
Estherville, Iowa 51334
(712) 362-7771
Steven D. Woodley, City Administrator
customers: 3,146
nameplate capacity (kW): oil: 17,600
1989 MWh generated: 51
1989 MWh purchased: 45,949
1989 MWh sold: 42,439
1989 revenues: $2,406,000
established 1894

Fairbank, City of
212 Main St., Box 447
Fairbank, Iowa 50629
(319) 635-2869
Ted Vorwald, Superintendent
customers: 502
1989 MWh generated: 0
1989 MWh purchased: 5,028
1989 MWh sold: 5,028
1989 revenues: $305,000
established 1920

Farnhamville, City of
Box 97
Farnhamville, Iowa 50538
(515) 544-3361
Alan Jorgensen, Superintendent
customers: 262
1989 MWh generated: 0
1989 MWh purchased: 4,372
1989 MWh sold: 4,129
1989 revenues: $285,000
established 1916

Fonda, City of
Box 367
Fonda, Iowa 50540
(712) 288-6618
Phyllis Menke, Clerk
customers: 393
1989 MWh generated: 0
1989 MWh purchased: 5,074
1989 MWh sold: 4,243
1989 revenues: $296,000

Fontanelle, City of+ *
313 Washington St.
Fontanelle, Iowa 50846
(515) 745-3961
Delmer D. Miller, Superintendent
customers: 445
1989 MWh generated: 0
1989 MWh purchased: 5,877
1989 MWh sold: 5,347
1989 revenues: $228,000
established 1914

Forest City, City of+ *
Box 346
Forest City, Iowa 50436
(515) 582-4597
Forrest A. Buffington, Electric
Superintendent
customers: 2,118
nameplate capacity (kW): oil: 14,600
1989 MWh generated: 13
1989 MWh purchased: 66,212
1989 MWh sold: 65,041
1989 revenues: $3,252,000
established 1939

Fredericksburg, City of
151 W. Main St.
Fredericksburg, Iowa 50630
(319) 237-5725
Norb Gansen, Superintendent
customers: 483
1989 MWh generated: 0
1989 MWh purchased: 30,839
1989 MWh sold: 27,927
1989 revenues: $1,346,000
established 1915

Glidden, City of
108 Idaho St., Box 349
Glidden, Iowa 51443
(712) 659-3010
Colleen Berner, City Clerk
customers: 552
1989 MWh generated: 0
1989 MWh purchased: 7,482
1989 MWh sold: retail: 6,829
wholesale: 56
1989 revenues: $280,000
established 1911

Gowrie Municipal Utilities
1102 Main St.
Gowrie, Iowa 50543
(515) 352-3065
Donald G. Borgen, Superintendent
customers: 640
nameplate capacity (kW): oil: 3,600
1989 MWh generated: 7
1989 MWh purchased: 6,796
1989 MWh sold: 6,053
1989 revenues: $431,000
established 1934

Graettinger, City of
Box 178
Graettinger, Iowa 51342
(712) 859-3844
Steve Helmke, Superintendent
customers: 455
1989 MWh generated: 0
1989 MWh purchased: 7,185
1989 MWh sold: 6,643
1989 revenues: retail: $272,000
wholesale: $140,000
established 1941

Grafton, City of
Box 263
Grafton, Iowa 50440
(515) 748-2735
Chloe Ann Stumo, City Clerk
customers: 146
1989 MWh generated: 0
1989 MWh purchased: 1,800
1989 MWh sold: 1,590
1989 revenues: $98,000

Grand Junction, City of
305 11th St.
Grand Junction, Iowa 50107
(515) 738-2285
Eleanor Krieger, Business Manager
customers: 501
1989 MWh generated: 0
1989 MWh purchased: 4,585
1989 MWh sold: 4,000
1989 revenues: $389,000
established 1932

Greenfield Municipal Utilities*
Box 95
Greenfield, Iowa 50849
(515) 743-2914
Duane Armstead, Superintendent
customers: 1,298
nameplate capacity (kW): oil: 6,100
1989 MWh generated: 39
1989 MWh purchased: 21,283
1989 MWh sold: 19,725
1989 revenues: $1,225,000
established 1890

Grundy Center, City of+ *
506 Seventh St., Box 307
Grundy Center, Iowa 50638
(319) 824-5207
Edward R. Ayers, General Manager
customers: 1,388
nameplate capacity (kW): oil: 5,800
1989 MWh generated: 113
1989 MWh purchased: 23,868
1989 MWh sold: 22,714
1989 revenues: $1,363,000
established 1941

Guttenberg Electric*
502 S. First St., Box D-1
Guttenberg, Iowa 52052
(319) 252-1161
Jeff Snively, Electrical Superintendent
customers: 1,251
1989 MWh generated: 0
1989 MWh purchased: 15,012
1989 MWh sold: 14,648
1989 revenues: $927,000

Harlan, City of*
Box 71
Harlan, Iowa 51537
(712) 755-5182
F. James Kalal, General Manager
customers: 2,739
nameplate capacity (kW): unavailable
1989 MWh generated: 28,408
1989 MWh purchased: 38,233
1989 MWh sold: retail: 47,895
wholesale: 16,601
1989 revenues: retail: $2,530,000
wholesale: $221,000
established 1891

Hartley, City of+ *
169 S. Central Ave.
Hartley, Iowa 51346
(712) 728-2240
Dean E. Meyer, Superintendent of
Public Works
customers: 896
nameplate capacity (kW): oil: 1,700
1989 MWh generated: 6
1989 MWh purchased: 19,076
1989 MWh sold: 16,268
1989 revenues: $701,000
established 1908

Hawarden Municipal Utilities+ *
700 Seventh St.
Hawarden, Iowa 51023

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

(712) 552-2565
Bob Borchers, Director of Public Works
customers: 1,261
1989 MWh generated: 0
1989 MWh purchased: 23,600
1989 MWh sold: 22,530
1989 revenues: $853,000
established 1894

Hinton, City of
205 W. Main St.
Hinton, Iowa 51024
(712) 947-4732
Donald Krause, Mayor
customers: 251
1989 MWh generated: 0
1989 MWh purchased: 4,031
1989 MWh sold: 3,837
1989 revenues: $283,000
established 1910

Hopkinton, City of
First St.
Hopkinton, Iowa 52237
(319) 926-2480
Norman W. Parsons, Superintendent
customers: 378
nameplate capacity (kW): oil: 2,900
1989 MWh generated: 54
1989 MWh purchased: 10,440
1989 MWh sold: 9,664
1989 revenues: $710,000
established 1937

Hudson, City of
329 Fifth St.
Hudson, Iowa 50643
(319) 988-3600
Rick Andorf, Superintendent
customers: 787
1989 MWh generated: 0
1989 MWh purchased: 12,846
1989 MWh sold: 12,846
1989 revenues: $889,000
established 1910

Independence, City of*
711 Seventh Ave. N.E.
Independence, Iowa 50644
(319) 334-3880
Jerry L. Barske, Manager
customers: 3,241
nameplate capacity (kW): oil: 14,675
1989 MWh generated: 353
1989 MWh purchased: 50,185
1989 MWh sold: 47,546
1989 revenues: $3,091,000
established 1920

Indianola Municipal Electric & Water Utility+ *
111 S. Buxton, Box 445
Indianola, Iowa 50125
(515) 961-9444
Roger A. Wood, General Manager
customers: 4,852
nameplate capacity (kW): oil: 34,500
1989 MWh generated: 215
1989 MWh purchased: 75,148
1989 MWh sold: 67,732
1989 revenues: retail: $3,748,000
wholesale: $31,000
established 1891

Iowa State University
Ames, Iowa 50011
(515) 294-8079
David J. Miller, Director of Utilities
customers: 1
nameplate capacity (kW): unavailable
1989 MWh generated: 149,126
1989 MWh purchased: 31,783
1989 MWh sold: 0
1989 revenues: 0

Keosauqua, City of
Box 216
Keosauqua, Iowa 52565
(319) 293-3406
Donald E. Carruthers, Superintendent
customers: 557
1989 MWh generated: 0
1989 MWh purchased: 9,411
1989 MWh sold: 8,200
1989 revenues: $508,000

Kimballton, City of+ *
Kimballton, Iowa 51543
(712) 773-3451
Lloyd A. Petersen, Utilities Superintendent
customers: 200
1989 MWh generated: 0
1989 MWh purchased: 2,035
1989 MWh sold: 1,814
1989 revenues: $109,000
established 1921

La Porte Utilities
200 Main St.
La Porte City, Iowa 50651
(319) 342-2053
William P. Starr, Lead Person
customers: 1,062
nameplate capacity (kW): oil: 2,800
1989 MWh generated: 12,964
1989 MWh purchased: 0
1989 MWh sold: 11,222
1989 revenues: $661,000
established 1935

Lake Mills, City of*
201 S. Mill
Lake Mills, Iowa 50450
(515) 592-2441
David Low, Director of Utilities
customers: 1,162
nameplate capacity (kW): oil: 11,600
1989 MWh generated: 267
1989 MWh purchased: 25,099
1989 MWh sold: 23,512
1989 revenues: $1,500,000
established 1932

Lake Park, City of+ *
204 Market St.
Lake Park, Iowa 51347
(712) 832-3667
Douglas S. Delaney, Electric Superintendent
customers: 537
1989 MWh generated: 0
1989 MWh purchased: 7,171
1989 MWh sold: 6,476
1989 revenues: $308,000
established 1947

Lake View, City of
305 Main St.
Lake View, Iowa 51450
(712) 657-2122
Bill Leners, Electric Superintendent
customers: 1,315
1989 MWh generated: 0
1989 MWh purchased: 17,000
1989 MWh sold: 16,000
1989 revenues: $652,000
established 1915

Lamoni Municipal Utilities+ *
111 S. Chestnut St.
Lamoni, Iowa 50140
(515) 784-6911
Robert A. Moore, Superintendent
customers: 1,074
nameplate capacity (kW): oil: 6,000
1989 MWh generated: 69
1989 MWh purchased: 16,691
1989 MWh sold: 15,150
1989 revenues: $1,057,000
established 1940

Larchwood, City of
Box 216
Larchwood, Iowa 51241
(712) 477-2366
LaVonne Reinke, City Clerk
customers: 326
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 4,000
1989 MWh sold: 3,900
1989 revenues: $269,000

Laurens, City of*
272 N. Third
Laurens, Iowa 50554
(712) 845-4610
Michael D. Sangwin, Superintendent
customers: 888
nameplate capacity (kW): oil: 1,500
1989 MWh generated: 23,222
1989 MWh purchased:
from nonutilities: 14,280
1989 MWh sold: retail: 18,610
wholesale: 17,345
1989 revenues: retail: $705,000
wholesale: $440,000
established 1949

Lawler, City of
Box 215
Lawler, Iowa 52154
(319) 238-3614
Karen Huben, City Clerk
customers: 280
1989 MWh generated: 0
1989 MWh purchased: 2,847
1989 MWh sold: 2,464
1989 revenues: $163,000

Lehigh, City of
241 Elm St., Box 317
Lehigh, Iowa 50557
(515) 359-2311
Anthony Goodpaster, Superintendent
customers: 294
1989 MWh generated: 0
1989 MWh purchased: 2,168
1989 MWh sold: 1,905
1989 revenues: $161,000

Lenox, City of+ *
Box 96
Lenox, Iowa 50851
(515) 333-2550
David D. Ferris, Superintendent of Utilities
customers: 766
1989 MWh generated: 0
1989 MWh purchased: 13,940
1989 MWh sold: 13,300
1989 revenues: $441,000
established 1931

Livermore, City of
421 Fourth St., Box 16
Livermore, Iowa 50558
(515) 379-1074
Steve Berte, Superintendent
customers: 260
1989 MWh generated: 0
1989 MWh purchased: 2,680
1989 MWh sold: 2,160
1989 revenues: $186,000

Long Grove Electric Co.
Box 210
Long Grove, Iowa 52756
(319) 285-7201
Joel McCubbin, Director of Public Works
customers: 185
1989 MWh generated: 0
1989 MWh purchased: 2,250
1989 MWh sold: 1,836
1989 revenues: $141,000

Manilla, City of+ *
443 Main St., Box 398
Manilla, Iowa 51454
(712) 654-3952
James H. Macumber, Superintendent
customers: 450
1989 MWh generated: 0
1989 MWh purchased: 6,892
1989 MWh sold: 6,892
1989 revenues: $320,000
established 1915

Manning, City of*
719 Third St.
Manning, Iowa 51455
(712) 653-3214
Gerald Beck, Manager
customers: 833
1989 MWh generated: 0
1989 MWh purchased: 28,080
1989 MWh sold: 26,540
1989 revenues: $1,296,000
established 1937

Mapleton, City of
513 Main St.
Mapleton, Iowa 51034
(712) 882-1351
Tom LeFebvre, Electrical Superintendent
customers: 878
1989 MWh generated: 0
1989 MWh purchased: 11,649
1989 MWh sold: 10,276
1989 revenues: $704,000

Maquoketa Municipal Electric Utility+ *
201 E. Pleasant
Maquoketa, Iowa 52060
(319) 652-6891
Francis Beller, Power Plant Superintendent
customers: 3,361
nameplate capacity (kW): gas: 14,200; oil: 2,400
1989 MWh generated: 1,977
1989 MWh purchased: 54,432
1989 MWh sold: 51,857
1989 revenues: $4,098,000
established 1919

Marathon, City of
Box 188
Marathon, Iowa 50565
(712) 289-2261
Joe Rydstrom, Superintendent
customers: 222
1989 MWh generated: 0
1989 MWh purchased: 2,219
1989 MWh sold: 2,000
1989 revenues: $176,000
established 1916

McGregor, City of
126 First St.
McGregor, Iowa 52157
(319) 873-2258
M. Weller, Foreman
customers: 578
nameplate capacity (kW): oil: 2,000
1989 MWh generated: 40
1989 MWh purchased: 7,005
1989 MWh sold: 6,467
1989 revenues: $447,000
established 1941

Milford Municipal Utilities+ *
907 11th St.
Milford, Iowa 51351
(712) 338-2401
Robert W. Sewell, Manager
customers: 1,094
nameplate capacity (kW): oil: 1,500
1989 MWh generated: 5
1989 MWh purchased: 20,555
1989 MWh sold: 25,180
1989 revenues: $851,000
established 1935

Montezuma Municipal Light & Power*
406 E. Washington
Montezuma, Iowa 50171
(515) 623-5102
Don H. Fahlenkamp, Superintendent
customers: 839

nameplate capacity (kW): oil: 6,300
1989 MWh generated: 19
1989 MWh purchased: 17,291
1989 MWh sold: 15,990
1989 revenues: $916,000
established 1939

Mount Pleasant, City of *
509 N. Adams St., Box 637
Mount Pleasant, Iowa 52641
(319) 385-2121
Brian Beem, Manager
customers: 3,588
1989 MWh generated: 0
1989 MWh purchased: 54,000
1989 MWh sold: 47,000
1989 revenues: $3,222,000
established 1897

Muscatine Power & Water+ *
3205 Cedar St., Box 899
Muscatine, Iowa 52761
(319) 263-2631
Larry J. Koshire, General Manager
customers: 10,324
nameplate capacity (kW): coal:
248,500
1989 MWh generated: 1,091,362
1989 MWh purchased: 220,229
1989 MWh sold: retail: 721,575
wholesale: 561,734
1989 revenues: retail: $30,675,000
wholesale: $42,579,000
established 1922

Neola, City of
103 Third St., Box 67
Neola, Iowa 51559
(712) 485-2307
George Soppe, Manager
customers: 450
1989 MWh generated: 0
1989 MWh purchased: 4,329
1989 MWh sold: 3,261
1989 revenues: $217,000
established 1898

New Hampton Municipal Light Plant *
921 Canty Ave.
New Hampton, Iowa 50659
(515) 394-3002
Robert K. Kamrath, Superintendent
customers: 2,388
1989 MWh generated: 0
1989 MWh purchased: 50,839
1989 MWh sold: 49,012
1989 revenues: $2,448,000
established 1903

New London Municipal Utilities
601 E. Main St.
New London, Iowa 52645
(319) 367-7703
Kirk W. Miller, Utility Superintendent
customers: 1,163
1989 MWh generated: 0
1989 MWh purchased: 13,133
1989 MWh sold: 11,526
1989 revenues: $721,000
established 1909

Ogden Municipal Utilities *
N.W. Third & W. Locust, Box 70
Ogden, Iowa 50212
(515) 275-2437
Daniel L. Wilson, Superintendent
customers: 1,036
nameplate capacity (kW): oil: 4,000
1989 MWh generated: 105
1989 MWh purchased: 11,135
1989 MWh sold: 10,090
1989 revenues: $740,000
established 1930

Onawa, City of *
914 Diamond
Onawa, Iowa 51040
(712) 423-1181
Jeff Sander, Superintendent
customers: 2,161
1989 MWh generated: 0
1989 MWh purchased: 24,854
1989 MWh sold: 23,226
1989 revenues: $1,310,000
established 1894

Orange City, City of+ *
125 Central Ave. SE
Orange City, Iowa 51041
(712) 737-4885
Don Schreur, City Administrator
customers: 1,828
1989 MWh generated: 0
1989 MWh purchased: 53,259
1989 MWh sold: 51,013
1989 revenues: $2,504,000
established 1921

Orient Municipal Utilities
106 W. Second, Box 116
Orient, Iowa 50858
(515) 337-5711
Gary Lowe, Superintendent
customers: 220
1989 MWh generated: 0
1989 MWh purchased: 1,765
1989 MWh sold: 1,576
1989 revenues: $137,000
established 1942

Osage Municipal Utilities+ *
720 Chestnut St., Box 207
Osage, Iowa 50461
(515) 732-3731
Weston D. Birdsall, General Manager
customers: 2,080
nameplate capacity (kW): oil: 11,800
1989 MWh generated: 554
1989 MWh purchased: 32,927
1989 MWh sold: 31,060
1989 revenues: $1,578,000
established 1941

Panora, City of
102 N.W. Second St.
Panora, Iowa 50216
(515) 755-2164
V. L. Schieffer Jr., Electrical Superintendent
customers: 710
1989 MWh generated: 0
1989 MWh purchased: 9,216
1989 MWh sold: 8,979
1989 revenues: $667,000
established 1921

Paton, City of
Paton, Iowa 50217
(515) 968-4133
Dennis Subbert, Superintendent
customers: 185
1989 MWh generated: 0
1989 MWh purchased: 2,177
1989 MWh sold: 1,799
1989 revenues: $167,000
established 1920

Paullina Municipal Electric Utility+ *
127 S. Main St., Box 239
Paullina, Iowa 51046
(712) 448-3428
Donald T. Dawson, City Clerk/Administrator
customers: 672
1989 MWh generated: 0
1989 MWh purchased: 7,470
1989 MWh sold: 6,820
1989 revenues: $448,000
established 1919

Pella Electric Department
717 Main St.
Pella, Iowa 50219
(515) 628-2581
Larry Peterson, Distribution Superintendent; Vincenzo Mottola, Paint Superintendent
customers: 4,028
nameplate capacity (kW): coal: 43,500
1989 MWh generated: 77,900
1989 MWh purchased: 49,200
1989 MWh sold: 119,700
1989 revenues: $5,833,000
established 1909

Pocahontas, City of *
14 Second Ave. N.W.
Pocahontas, Iowa 50574
(712) 335-4841
Jack Gould, Electric Superintendent
customers: 1,229
1989 MWh generated: 0
1989 MWh purchased: 22,458
1989 MWh sold: 22,458
1909 revenues: $987,000
established 1912

Preston, City of+ *
12 W. Gillet St., Box 37
Preston, Iowa 52069
(319) 689-3081
Gary Driscoll, Superintendent
customers: 510
nameplate capacity (kW): unavailable
1989 MWh generated: 28
1989 MWh purchased: 9,910
1989 MWh sold: 9,392
1989 revenues: $635,000
established 1939

Primghar, City of+ *
741 16th St.
Primghar, Iowa 51245
(712) 757-2435
Robert L. Mulder, Superintendent
customers: 559
1989 MWh generated: 0
1989 MWh purchased: 7,693
1989 MWh sold: 6,520
1989 revenues: $350,000
established 1939

Readlyn, City of
Box 70
Readlyn, Iowa 50668
(319) 279-3411
Lois Buhr, Clerk
customers: 367
1989 MWh generated: 0
1989 MWh purchased: 4,142
1989 MWh sold: retail: 3,630
wholesale: 340
1989 revenues: retail: $204,000
wholesale: $16,000

Remsen, City of+ *
125 E. First St.
Remsen, Iowa 51050
(712) 786-2441
Tom Letsche, Public Works Director
customers: 774
1989 MWh generated: 0
1989 MWh purchased: 12,000
1989 MWh sold: 11,500
1989 revenues: $454,000
established 1933

Renwick, City of
Box 174
Renwick, Iowa 50577
(515) 824-3511
Galen Engstrom, Superintendent
customers: 191
1989 MWh generated: 0
1989 MWh purchased: 2,924
1989 MWh sold: 2,601
1989 revenues: $184,000
established 1928

Rock Rapids Municipal Utilities+ *
310 S. Third Ave.
Rock Rapids, Iowa 51246
(712) 472-2511
William G. Tobin, Manager
customers: 1,297
nameplate capacity (kW): oil: 2,500
1989 MWh generated: 3
1989 MWh purchased:
from nonutilities: 23,058
1989 MWh sold: 20,581
1989 revenues: $969,000
established 1896

Rockford Municipal Light Plant
20 Second St. N.W.
Rockford, Iowa 50468
(515) 756-2215
Gary Schriever, Superintendent
customers: 498
nameplate capacity (kW): oil: 1,900
1989 MWh generated: 132
1989 MWh purchased: 4,696
1989 MWh sold: 4,317
1989 revenues: $301,000
established 1935

Sabula, City of
411 Broad St.
Sabula, Iowa 52070
(319) 687-2420
Ronald Fleming, City Clerk
customers: 398
1989 MWh generated: 0
1989 MWh purchased: 3,603
1989 MWh sold: 3,390
1989 revenues: $230,000
established 1915

Sanborn Municipal Light Plant+ *
102 Main St., Box 548
Sanborn, Iowa 51248
(712) 729-3974
Allen Bonderman, General Manager
customers: 658
1989 MWh generated: 0
1989 MWh purchased: 14,484
1989 MWh sold: 13,527
1989 revenues: $599,000
established 1947

Sergeant Bluff, City of
Box 703
Sergeant Bluff, Iowa 51054
(712) 943-4244
Roger Groves, Maintenance Superintendent
customers: 1,042
1989 MWh generated: 0
1989 MWh purchased: 21,000
1989 MWh sold: 21,000
1989 revenues: $1,391,000
established 1933

Shelby Municipal Utilities+ *
419 East St.
Shelby, Iowa 51570
(712) 544-2404
Roger Heilig, Superintendent
customers: 334
1989 MWh generated: 0
1989 MWh purchased: 4,545
1989 MWh sold: 4,141
1989 revenues: $166,000

Sibley, City of *
1108 Third Ave.
Sibley, Iowa 51249
(712) 754-3454
Gary Obbink, Superintendent
customers: 1,467
nameplate capacity (kW): oil: 4,500
1989 MWh generated: 97
1989 MWh purchased: 33,495
1989 MWh sold: retail: 31,606
wholesale: 1,834
1989 revenues: retail: $1,568,000
wholesale: $77,000
established 1915

Sioux Center, City of+ *
337 N. Main Ave.

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Sioux Center, Iowa 51250
(712) 722-0761
Harold Schiebout, Superintendent
customers: 1,794
nameplate capacity (kW): oil: 1,500
1989 MWh generated: 1
1989 MWh purchased: 48,124
1989 MWh sold: 46,283
1989 revenues: $2,184,000
established 1949

Spencer, City of+ *
712 N. Grand Ave., Box 5046
Spencer, Iowa 51301
(712) 262-3027
Neal Drefke, General Manager
customers: 5,390
nameplate capacity (kW): coal: 7,810;
oil: 23,800
1989 MWh generated: 50,011
1989 MWh purchased: 100,188
1989 MWh sold: retail: 106,812
wholesale: 33,132
1989 revenues: retail: $4,630,000
wholesale: $415,000
established 1901

Stanhope Municipal Electric Utility*
665 Iowa St.
Stanhope, Iowa 50246
(515) 826-3290
R. L. McKenzie, Clerk
customers: 250
1989 MWh generated: 0
1989 MWh purchased: 2,815
1989 MWh sold: 2,393
1989 revenues: $184,000

Stanton, City of
Box H
Stanton, Iowa 51573
(712) 829-2613
Manager
customers: 293
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 4,860
1989 MWh sold: 5,478
1989 revenues: $221,000
established 1937

State Center, City of
Box 668
State Center, Iowa 50247
(515) 483-2590
Maynard P. Stief, City Superintendent
customers: 823
nameplate capacity (kW): oil: 5,800
1989 MWh generated: 117
1989 MWh purchased: 10,483
1989 MWh sold: retail: 9,394
wholesale: 5
1989 revenues: retail: $727,000
wholesale: $31,000
established 1899

Story City, City of+ *
504 Broad St.
Story City, Iowa 50248
(515) 733-4691
Gene R. Twedt, Superintendent
customers: 1,519
nameplate capacity (kW): oil: 9,100
1989 MWh generated: 614
1989 MWh purchased: 23,469
1989 MWh sold: 21,643
1989 revenues: $1,402,000
established 1904

Stratford, City of
Shakespeare Ave.
Stratford, Iowa 50249
(515) 838-2311
Geraldine Conklin, Clerk
customers: 395
1989 MWh generated: 0
1989 MWh purchased: 4,027
1989 MWh sold: 3,245
1989 revenues: $278,000
established 1920

Strawberry Point, City of
507 Commercial St., Box 297
Strawberry Point, Iowa 52076
(319) 933-4482
James Knott, City Administrator
customers: 706
nameplate capacity (kW): oil: 1,600
1989 MWh generated: 66
1989 MWh purchased: 7,471
1989 MWh sold: 6,734
1989 revenues: $572,000
established 1928

Stuart, City of*
1210 Front St.
Stuart, Iowa 50250
(515) 523-2915
Bill Gilliam, Superintendent
customers: 810
nameplate capacity (kW): oil: 2,900
1989 MWh generated: 30
1989 MWh purchased: 10,700
1989 MWh sold: 9,139
1989 revenues: $667,000
established 1891

Sumner, City of+ *
105 Wapsie St.
Sumner, Iowa 50674
(319) 578-5611
Robert Jergens, Superintendent
customers: 1,088
1989 MWh generated: 0
1989 MWh purchased: 13,061
1989 MWh sold: 13,059
1989 revenues: $882,000
established 1935

Tennant, City of
Tennant, Iowa 51572
(712) 744-3449
Trena Cooper, Clerk
customers: 30
1989 MWh generated: 0
1989 MWh purchased: 320
1989 MWh sold: 305
1989 revenues: $16,000
established 1986

Tipton, City of*
407 Lynn St.
Tipton, Iowa 52772
(319) 886-6187
Robert Snavely, City Coordinator
customers: 1,654
nameplate capacity (kW): gas: 2,800;
oil: 800
1989 MWh generated: 19,429
1989 MWh purchased: 1,257
1989 MWh sold: 19,326
1989 revenues: $1,412,000
established 1916

Traer Municipal Utilities+ *
649 Second St.
Traer, Iowa 50675
(319) 478-8760
Kent Holst, General Manager
customers: 1,022
nameplate capacity (kW): oil: 4,100
1989 MWh generated: 92
1989 MWh purchased: 15,105
1989 MWh sold: 13,590
1989 revenues: $995,000
established 1917

Villisca Municipal Power Plant+ *
City Hall, S. Third Ave.
Villisca, Iowa 50864
(712) 826-3192
Tom Sweetland, Superintendent
customers: 785
1989 MWh generated: 0
1989 MWh purchased: 10,686
1989 MWh sold: 9,386
1989 revenues: $329,000
established 1936

Vinton Municipal Electric Utility*
501 First Ave.
Vinton, Iowa 52349
(319) 472-3663
Collin D. Engebretson, Superintendent
customers: 2,338
nameplate capacity (kW): oil: 16,100
1989 MWh generated: 1,147
1989 MWh purchased: 29,001
1989 MWh sold: 27,799
1989 revenues: $1,956,000
established 1913

Wall Lake, City of+ *
Box 27
Wall Lake, Iowa 51466
(712) 664-2216
Orville Franck, Mayor
customers: 450
1989 MWh generated: 0
1989 MWh purchased: 8,000
1989 MWh sold: 7,000
1989 revenues: $321,000
established 1903

Waverly Light & Power+ *
1500 W. Bremer Ave.
Waverly, Iowa 50677
(319) 352-6251
Glenn Cannon, General Manager
customers: 3,774
nameplate capacity (kW): coal: 8,120;
hydro: 500; gas: 13,700; oil: 2,600
1989 MWh generated: 37,811
1989 MWh purchased: 47,358
1989 MWh sold: 80,641
1989 revenues: $4,956,000
established 1904

Webster City, City of
City Hall, Box 217
Webster City, Iowa 50595
(515) 832-5701
R. E. Hays, City Manager
customers: 4,169
1989 MWh generated: 0
1989 MWh purchased: 103,171
1989 MWh sold: retail: 92,027
wholesale: 4,631
1989 revenues: retail: $5,260,000
wholesale: $254,000
established 1890

West Bend, City of
City Hall, Box 348
West Bend, Iowa 50597
(515) 887-5585
Joe Mikes, Superintendent
customers: 657
nameplate capacity (kW): oil: 4,500
1989 MWh generated: 87
1989 MWh purchased: 12,859
1989 MWh sold: 10,849
1989 revenues: $771,000
established 1915

West Liberty, City of
101 W. 4th St.
West Liberty, Iowa 52776
(319) 627-2418
Edward R. Stiff, City Manager
customers: 1,248
nameplate capacity (kW): oil: 6,400
1989 MWh generated: 157
1989 MWh purchased: 46,650
1989 MWh sold: 44,697
1989 revenues: $2,517,000
established 1897

West Point, City of
313 Fifth St.
West Point, Iowa 52656
(319) 837-6313
Jim Bethurem, City Administrator
customers: 635
1989 MWh generated: 0
1989 MWh purchased: 9,938
1989 MWh sold: 8,344
1989 revenues: $557,000

Westfield, Town of
Box 5
Westfield, Iowa 51062
(712) 568-2631
Barbette Grimm, Clerk
customers: 88
1989 MWh generated: 0
1989 MWh purchased: 615
1989 MWh sold: 615
1989 revenues: $66,000

Whittemore, City of
Box 127
Whittemore, Iowa 50598
(515) 884-2265
Michael D. Elbert, Superintendent
customers: 320
nameplate capacity (kW): oil: 2,000
1989 MWh generated: 18
1989 MWh purchased: 4,579
1989 MWh sold: 4,231
1989 revenues: $281,000

Wilton, City of*
104 E. Fourth St.
Wilton, Iowa 52778
(319) 732-2929
Collin Proctor, Electric Superintendent
customers: 1,260
1989 MWh generated: 0
1989 MWh purchased: 18,857
1989 MWh sold: 17,209
1989 revenues: $1,246,000
established 1891

Winterset, City of*
321 N. First St.
Winterset, Iowa 50273
(515) 462-2152
Mike Willetts, Superintendent
customers: 2,083
1989 MWh generated: 0
1989 MWh purchased: 28,600
1989 MWh sold: 26,597
1989 revenues: $1,704,000
established 1889

Woodbine, City of+ *
517 Walker St.
Woodbine, Iowa 51579
(712) 647-2340
Rory Weis, Superintendent
customers: 720
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 11,000
1989 MWh sold: 11,000
1989 revenues: $496,000
established 1941

Woolstock, City of
Box 57
Woolstock, Iowa 50599
(515) 839-5531
Hazel Brock, Clerk
customers: 117
1989 MWh generated: 0
1989 MWh purchased: 1,414
1989 MWh sold: 1,314
1989 revenues: $110,000

Kansas

Alma, City of
326 Missouri
Alma, Kan. 66401
(913) 765-3922
Max Kraus, Superintendent
customers: 473

1989 MWh generated: 0
1989 MWh purchased: 5,170
1989 MWh sold: 5,170
1989 revenues: $413,000
established 1938

Altamont, City of
407 S. Houston
Altamont, Kan. 67330
(316) 784-5612
Denzil Davidson, Superintendent
customers: 513
1989 MWh generated: 0
1989 MWh purchased: 6,558
1989 MWh sold: 6,169
1989 revenues: $448,000
established 1934

Anthony, City of*
124 S. Bluff Ave.
Anthony, Kan. 67003
(316) 842-5960
Jack C. Scott, Superintendent
customers: 2,023
nameplate capacity (kW): gas: 11,100
1989 MWh generated: 9,700
1989 MWh purchased: 16,400
1989 MWh sold: 22,400
1989 revenues: $1,408,000
established 1879

Arcadia, City of
Box 126
Arcadia, Kan. 66711
(316) 638-4310
Nancy Sisney, City Clerk
customers: 216
1989 MWh generated: 0
1989 MWh purchased: 1,599
1989 MWh sold: 1,260
1989 revenues: $137,000
established 1913

Arma, City of
701 E. Washington, Box 829
Arma, Kan. 66712
(316) 347-4125
James C. Jones, Utility Superintendent
customers: 730
1989 MWh generated: 0
1989 MWh purchased: 8,503
1989 MWh sold: 6,942
1989 revenues: $756,000
established 1909

Ashland, City of
703 Main St., Box 547
Ashland, Kan. 67831
(316) 635-2512
Donald R. German, City Superintendent
customers: 690
nameplate capacity (kW): gas: 4,200; oil: 900
1989 MWh generated: 15
1989 MWh purchased: 8,774
1989 MWh sold: 7,448
1989 revenues: $566,000
established 1909

Attica, City of
Box 421
Attica, Kan. 67009
(316) 254-7228
Ken Dixon, City Superintendent
customers: 468
nameplate capacity (kW): oil: 3,100
1989 MWh generated: 23
1989 MWh purchased: 5,990
1989 MWh sold: 6,013
1989 revenues: $459,000

Augusta, City of
Sixth & School Sts., Box 489
Augusta, Kan. 67010
(316) 775-2391
James W. Rawlings, Superintendent
customers: 3,446
nameplate capacity (kW): gas: 22,700; oil: 1,100
1989 MWh generated: 201
1989 MWh purchased: 54,788
1989 MWh sold: 50,477
1989 revenues: $2,974,000
established 1911

Axtell, City of
401 Maple St., Box A
Axtell, Kan. 66403
(913) 736-2834
Roger Koch, Superintendent
customers: 241
1989 MWh generated: 0
1989 MWh purchased: 2,100
1989 MWh sold: 1,800
1989 revenues: $145,000

Baldwin City, City of
605 High St.
Baldwin City, Kan. 66006
(913) 594-3261
John W. Hill, City Superintendent
customers: 1,149
nameplate capacity (kW): oil: 6,000
1989 MWh generated: 168
1989 MWh purchased: 16,772
1989 MWh sold: 14,626
1989 revenues: $1,146,000

Belleville, City of*
1819 L St., Box 280
Belleville, Kan. 66935
(913) 527-2288
Aaron McKee, City Manager
customers: 1,486
nameplate capacity (kW): oil: 13,200
1989 MWh generated: 20,040
1989 MWh purchased: 0
1989 MWh sold: 17,694
1989 revenues: $1,446,000
established 1923

Beloit, City of+ *
215 S. Chestnut St.
Beloit, Kan. 67420
(913) 738-5121
Gene Miles, City Administrator
customers: 2,040
nameplate capacity (kW): oil: 19,400
1989 MWh generated: 1,735
1989 MWh purchased: 33,087
1989 MWh sold: 29,604
1989 revenues: $2,106,000
established 1890

Blue Mound, City of
Blue Mound, Kan. 66010
(913) 756-2281
Ralph Kastl, Mayor
customers: 165
1989 MWh generated: 0
1989 MWh purchased: 1,384
1989 MWh sold: 1,247
1989 revenues: $97,000

Bronson, City of
411 Clay St.
Bronson, Kan. 66716
(316) 939-4578
Ellen Harper, Clerk
customers: 185
1989 MWh generated: 0
1989 MWh purchased: 1,870
1989 MWh sold: 1,450
1989 revenues: $133,000
established 1926

Burlingame, City of
101 E. Santa Fe
Burlingame, Kan. 66413
(913) 654-2414
Kenneth Rhoads, Clerk
customers: 629
nameplate capacity (kW): gas: 4,600
1989 MWh generated: 826
1989 MWh purchased: 6,556
1989 MWh sold: 6,010
1989 revenues: $474,000
established 1902

Burlington, City of
301 Neosho St.
Burlington, Kan. 66839
(316) 364-5334
Marion J. Logan, Clerk
customers: 1,194
nameplate capacity (kW): gas: 7,900; oil: 600
1989 MWh generated: 495
1989 MWh purchased: 22,857
1989 MWh sold: 20,756
1989 revenues: $1,596,000
established 1935

Cawker City, City of
804 Locust St.
Cawker City, Kan. 67430-0602
(913) 781-4713
Steve Stuart, Electric Superintendent
customers: 434
1989 MWh generated: 0
1989 MWh purchased: 3,990
1989 MWh sold: 3,430
1989 revenues: $324,000
established 1913

Centralia, City of
517 Fourth St.
Centralia, Kan. 66415
(913) 857-3764
G. L. Luebbe, Clerk
customers: 301
1989 MWh generated: 0
1989 MWh purchased: 2,784
1989 MWh sold: 2,300
1989 revenues: $238,000

Chanute, City of*
101 S. Lincoln
Chanute, Kan. 66720
(316) 431-9300
Robert H. Walker, City Manager
customers: 5,488
nameplate capacity (kW): gas: 19,700; oil: 21,000
1989 MWh generated: 8,513
1989 MWh purchased:
  from utilities: 115,190
  from nonutilities: 2,817
1989 MWh sold: 117,130
1989 revenues: $7,021,000
established 1903

Chapman, City of
402 Marshall St., Box 321
Chapman, Kan. 67431
(913) 922-6582
James Murrison, Superintendent
customers: 626
1989 MWh generated: 0
1989 MWh purchased: 6,254
1989 MWh sold: 4,741
1989 revenues: $626,000
established 1911

Chetopa, City of
332 Maple St.
Chetopa, Kan. 67336
(316) 236-7511
Mary Addis, City Clerk
customers: 750
1989 MWh generated: 0
1989 MWh purchased: 11,100
1989 MWh sold: 10,200
1989 revenues: $555,000

Cimarron, City of
119 S. Main St., Box 467
Cimarron, Kan. 67835
(316) 855-2322
Vernon Hanna, City Superintendent
customers: 848
1989 MWh generated: 0
1989 MWh purchased: 12,936
1989 MWh sold: 11,264
1989 revenues: $1,005,000

Clay Center Public Utilities*
427 Court St.
Clay Center, Kan. 67432
(913) 632-2137
D. D. Dierking, Superintendent-Utilities
customers: 2,751
nameplate capacity (kW): gas: 17,600
1989 MWh generated: 22,893
1989 MWh purchased: 18,888
1989 MWh sold: 34,745
1989 revenues: $2,417,000
established 1907

Coffeyville, City of*
Box 1629
Coffeyville, Kan. 67337
(316) 251-7000
Ron Sandusky, Director of Utility
customers: 8,184
nameplate capacity (kW): gas: 80,000
1989 MWh generated: 24,563
1989 MWh purchased: 138,822
1989 MWh sold: 151,616
1989 revenues: $10,016,000
established 1901

Colby, City of*
585 N. Franklin St.
Colby, Kan. 67701
(913) 462-3973
Corky Delzeit, Acting Director
customers: 2,698
nameplate capacity (kW): oil: 17,500
1989 MWh generated: 972
1989 MWh purchased:
  from nonutilities: 46,441
1989 MWh sold: 37,108
1989 revenues: $2,198,000
established 1910

DeSoto, City of
33150 W. 83rd St., Box C
DeSoto, Kan. 66018
(913) 585-1182
Garry Rudler, Public Works Director
customers: 956
1989 MWh generated: 0
1989 MWh purchased: 9,856
1989 MWh sold: 8,807
1989 revenues: $715,000
established 1930

Dighton, City of
Box 848
Dighton, Kan. 67839
(316) 397-5541
Bill Dutoit, Superintendent
customers: 803
1989 MWh generated: 0
1989 MWh purchased: 9,162
1989 MWh sold: 7,975
1989 revenues: $867,000

Ellinwood, City of
Box 278
Ellinwood, Kan. 67526
(316) 564-2211
Daryle Nielsen, Electrical Superintendent
customers: 1,269
nameplate capacity (kW): oil: 8,500
1989 MWh generated: 2,269
1989 MWh purchased: 11,693
1989 MWh sold: 12,245
1989 revenues: $977,000
established 1948

Elsmore, City of
Elsmore, Kan. 66732
(316) 754-3875
Peggy Stewart, Clerk

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

customers: 62
1989 MWh generated: 0
1989 MWh purchased: 418
1989 MWh sold: 348
1989 revenues: $33,000

Elwood, City of
Box 357
Elwood, Kan. 66024
(913) 365-6871
Phyllis McCrory, City Administrator
customers: 467
1989 MWh generated: 0
1989 MWh purchased: 4,698
1989 MWh sold: 4,227
1989 revenues: $387,000

Enterprise, City of
108 W. First St.
Enterprise, Kan. 67441
(913) 934-2323
Glenn M. Decker, Mayor
customers: 360
1989 MWh generated: 0
1989 MWh purchased: 3,972
1989 MWh sold: 3,362
1989 revenues: $272,000

Erie Municipal Light & Power*
224 S. Main St.
Erie, Kan. 66733
(316) 244-3488
Carrol W. Webber, City Superintendent
customers: 696
nameplate capacity (kW): oil/gas: 3,900
1989 MWh generated: 6
1989 MWh purchased: 9,550
1989 MWh sold: 8,355
1989 revenues: $522,000
established 1915

Eudora, City of
Seventh & Main Sts.
Eudora, Kan. 66025
(913) 542-3100
Richard McNett, Superintendent
customers: 1,235
1989 MWh generated: 0
1989 MWh purchased: 14,984
1989 MWh sold: 14,270
1989 revenues: $1,135,000

Fredonia Municipal Power Plant
314 N. 7th St.
Fredonia, Kan. 66736
(316) 378-2231
Karen Shinn, Clerk
customers: 1,784
1989 MWh generated: 0
1989 MWh purchased: 28,500
1989 MWh sold: retail: 19,800
wholesale: 5,990
1989 revenues: retail: $1,584,000
wholesale: $366,000
established 1901

Galva, City of
208 S. Main St.
Galva, Kan. 67443
(316) 654-3561
Vernon R. Koehn, City Superintendent
customers: 333
1989 MWh generated: 0
1989 MWh purchased: 3,364
1989 MWh sold: 2,823
1989 revenues: $240,000
established 1918

Garden City, City of
301 N. Eighth St., Box 499
Garden City, Kan. 67846
(316) 276-1234
Robert Halloran, City Manager
customers: 9,258
1989 MWh generated: 0
1989 MWh purchased: 150,000
1989 MWh sold: 137,000
1989 revenues: $7,166,000

Gardner, City of
120 E. Main St.
Gardner, Kan. 66030
(913) 884-7535
James L. Cole, Superintendent
customers: 1,431
1989 MWh generated: 0
1989 MWh purchased: 25,693
1989 MWh sold: 23,656
1989 revenues: $1,791,000

Garnett, City of*
131 W. Fifth St., Box H
Garnett, Kan. 66032
(913) 448-5496
Richard G. Doran, City Manager
customers: 1,863
nameplate capacity (kW): gas: 6,400; oil: 2,900
1989 MWh generated: 3,620
1989 MWh purchased: 20,791
1989 MWh sold: 18,171
1989 revenues: $1,470,000
established 1918

Girard, City of+ *
100 S. Ozark St.
Girard, Kan. 66743
(316) 724-8918
Richard McClanathan, City Administrator
customers: 1,575
1989 MWh generated: 0
1989 MWh purchased: 25,681
1989 MWh sold: 21,354
1989 revenues: $1,728,000

Glasco, City of
Box 356
Glasco, Kan. 67445
(913) 568-2705
Carl Adkins, Mayor
customers: 395
1989 MWh generated: 0
1989 MWh purchased: 3,500
1989 MWh sold: 3,200
1989 revenues: $283,000

Glen Elder, City of
101 S. Market St., Box 55
Glen Elder, Kan. 67446
(913) 545-3322
Geneva Winkel, City Clerk
customers: 362
1989 MWh generated: 0
1989 MWh purchased: 3,490
1989 MWh sold: 3,109
1989 revenues: $294,000

Goodland, City of+ *
17th & Cherry Sts.
Goodland, Kan. 67735
(913) 899-5200
Larry Heinrich, Superintendent
customers: 2,863
nameplate capacity (kW): gas: 20,400; oil: 800
1989 MWh generated: 9,469
1989 MWh purchased: 31,602
1989 MWh sold: 39,152
1989 revenues: $2,925,000
established 1937

Greensburg, City of
239 S. Main St.
Greensburg, Kan. 67054
(316) 723-2691
Melvin Simmons, Superintendent
customers: 1,047
nameplate capacity (kW): gas: 8,500
1989 MWh generated: 13,904
1989 MWh purchased: 0
1989 MWh sold: 11,292
1989 revenues: $918,000
established 1911

Haven, City of
118 S. Kansas Ave.
Haven, Kan. 67543
(316) 465-3618
Don R. Huston, Superintendent
customers: 590
1989 MWh generated: 0
1989 MWh purchased: 9,218
1989 MWh sold: 7,983
1989 revenues: $633,000
established 1908

Herington, City of+ *
715 S. Broadway St.
Herington, Kan. 67449
(913) 258-2271
W. A. Wetmore, City Manager
customers: 1,539
nameplate capacity (kW): gas: 8,900; oil: 800
1989 MWh generated: 1,633
1989 MWh purchased: 18,871
1989 MWh sold: 17,252
1989 revenues: $1,268,000
established 1888

Herndon, City of
Box 98
Herndon, Kan. 67739
(913) 322-5341
Roger Marintzer, Mayor
customers: 166
1989 MWh generated: 0
1989 MWh purchased: 1,070
1989 MWh sold: 940
1989 revenues: $113,000
established 1937

Hill City, City of
205 N. Pomeroy
Hill City, Kan. 67642
(913) 674-5613
Darrel A. Williams, Plant Superintendent
customers: 1,087
nameplate capacity (kW): gas: 7,400
1989 MWh generated: 113
1989 MWh purchased: 12,371
1989 MWh sold: 10,601
1989 revenues: $1,066,000
established 1900

Hillsboro, City of
116 E. Grand St.
Hillsboro, Kan. 67063
(316) 947-3162
Brent Boring, City Superintendent
customers: 1,446
1989 MWh generated: 0
1989 MWh purchased: 16,423
1989 MWh sold: 13,999
1989 revenues: $1,291,000
established 1930

Hoisington, City of*
164 S. Elm St., Box 418
Hoisington, Kan. 67544
(316) 653-4125
Carl Myers, City Manager
customers: 1,796
nameplate capacity (kW): gas: 15,800; oil: 200
1989 MWh generated: 2,211
1989 MWh purchased: 16,988
1989 MWh sold: 17,094
1989 revenues: $1,294,000
established 1940

Holton, City of
1000 New Jersey
Holton, Kan. 66436
(913) 364-2721
Eugene Williams, City Manager
customers: 1,912
nameplate capacity (kW): oil: 13,800
1989 MWh generated: 3,532
1989 MWh purchased: 27,336
1989 MWh sold: 28,164
1989 revenues: $1,747,000
established 1931

Holyrood, City of*
110 S. Main St., Box 67
Holyrood, Kan. 67450
(913) 252-3652
Clarence Munsey, Superintendent
customers: 335
1989 MWh generated: 0
1989 MWh purchased: 2,796
1989 MWh sold: 2,439
1989 revenues: $206,000
established 1918

Horton, City of
205 E. Eighth St., Box 30
Horton, Kan. 66439
(913) 486-2681
City Administrator
customers: 962
1989 MWh generated: 0
1989 MWh purchased: 12,630
1989 MWh sold: 10,190
1989 revenues: $890,000
established 1912

Hugoton, City of+ *
114 E. Fifth St., Box 788
Hugoton, Kan. 67951
(316) 544-8531
Jerry Leonard, Superintendent
customers: 1,790
nameplate capacity (kW): oil: 17,600
1989 MWh generated: 22,973
1989 MWh purchased: 0
1989 MWh sold: 20,407
1989 revenues: $1,674,000
established 1919

Iola, City of*
2 W. Jackson St.
Iola, Kan. 66749
(316) 365-2771
Richard Olson, City Administrator
customers: 3,801
nameplate capacity (kW): gas: 10,500; oil: 20,200
1989 MWh generated: 820
1989 MWh purchased: 87,490
1989 MWh sold: 79,120
1989 revenues: $3,864,000
established 1900

Isabel, City of
Box 97
Isabel, Kan. 67065
(316) 739-4347
Carolyn Armstrong, Clerk
customers: 81
1989 MWh generated: 0
1989 MWh purchased: 894
1989 MWh sold: 769
1989 revenues: $77,000

Iuka, City of
Box 127
Iuka, Kan. 67066
(316) 546-2215
E. Dale Anderson, City Clerk
customers: 120
1989 MWh generated: 0
1989 MWh purchased: 1,902
1989 MWh sold: 1,742
1989 revenues: $129,000

Jetmore, City of
501 S. Main St.
Jetmore, Kan. 67854
(316) 357-8344
Dean Hertel, Utility Superintendent
customers: 574
nameplate capacity (kW): oil: 6,000
1989 MWh generated: 9
1989 MWh purchased: 6,520
1989 MWh sold: 5,727
1989 revenues: $301,000

Johnson, City of
309 S. Nipp St.

KANSAS (*continued*)

Johnson, Kan. 67855
(316) 492-2322
Rex McGowne, Superintendent
customers: 714
nameplate capacity (kW): oil: 7,000
1989 MWh generated: 3,350
1989 MWh purchased: 8,940
1989 MWh sold: 10,300
1989 revenues: $769,000
established 1938

Kansas City Board of Public Utilities*
700 Minnesota Ave.
Kansas City, Kan. 66101
(913) 573-9000
Terry W. Drake, General Manager
customers: 66,135
nameplate capacity (kW): coal: 661,400; oil: 145,500
1989 MWh generated: 2,303,014
1989 MWh purchased: 233,477
1989 MWh sold: retail: 2,008,868
wholesale: 402,188
1989 revenues: retail: $94,032,000
wholesale: $13,714,000
established 1929

Kingman, City of
402 N. Main St.
Kingman, Kan. 67068
(316) 532-3111
Ben Payton, Superintendent
customers: 1,926
nameplate capacity (kW): oil: 15,700
1989 MWh generated: 33,422
1989 MWh purchased: 0
1989 MWh sold: 31,844
1989 revenues: $1,982,000
established 1913

Kiowa, City of
618 Main St., Box 206
Kiowa, Kan. 67070
(316) 825-4128
City Administrator
customers: 752
1989 MWh generated: 0
1989 MWh purchased: 9,131
1989 MWh sold: 8,248
1989 revenues: $807,000
established 1976

La Crosse, City of
Box K
La Crosse, Kan. 67548
(913) 222-2511
Gerald Bennett, City Manager
customers: 823
1989 MWh generated: 0
1989 MWh purchased: 9,200
1989 MWh sold: 7,500
1989 revenues: $764,000
established 1906

La Harpe, City of
Box 121
La Harpe, Kan. 66751
(316) 496-2241
Bill Beasley, Superintendent
customers: 334
1989 MWh generated: 0
1989 MWh purchased: 2,027
1989 MWh sold: 1,790
1989 revenues: $155,000

Lakin, City of
121 N. Main St., Box 148
Lakin, Kan. 67860
(316) 355-6252
Don R. Voeller, City Administrator
customers: 997
1989 MWh generated: 0
1989 MWh purchased: 11,071
1989 MWh sold: 9,226
1989 revenues: $1,273,000
established 1915

Larned, City of*
Third & Main Sts.
Larned, Kan. 67550
(316) 285-3544
Ronald D. Arnold, City Manager
customers: 2,640
nameplate capacity (kW): gas: 14,100; oil: 6,500
1989 MWh generated: 22,606
1989 MWh purchased: 15,476
1989 MWh sold: 33,756
1989 revenues: $2,169,000
established 1916

Lincoln Center, City of
153 W. Lincoln Ave., Box 126
Lincoln, Kan. 67455
(913) 524-4280
Ron Mason, City Superintendent
customers: 895
nameplate capacity (kW): gas: 4,700; oil: 6,000
1989 MWh generated: 9,828
1989 MWh purchased: 1,305
1989 MWh sold: 9,263
1989 revenues: $966,000
established 1906

Lindsborg, City of
101 S. Main St., Box 70
Lindsborg, Kan. 67456
(913) 227-3355
City Administrator
customers: 1,414
1989 MWh generated: 0
1989 MWh purchased: 20,396
1989 MWh sold: 19,678
1989 revenues: $1,534,000

Lucas, City of
Box 308
Lucas, Kan. 67648
(913) 525-6353
Gary G. Ward, Superintendent
customers: 310
1989 MWh generated: 0
1989 MWh purchased: 2,900
1989 MWh sold: 2,475
1989 revenues: $236,000

Luray, City of
Luray, Kan. 67649
(913) 698-2302
Melinda Walker, Superintendent
customers: 178
1989 MWh generated: 0
1989 MWh purchased: 1,700
1989 MWh sold: [illegible]300
1989 revenues: $116,000
established 1915

Mahaska Electric Department
Mahaska, Kan. 66955
(913) 525-6425
Wayne Graham, Superintendent
customers: 67
1989 MWh generated: 0
1989 MWh purchased: 704
1989 MWh sold: 656
1989 revenues: $66,000

Mankato, City of
202 E. Jefferson
Mankato, Kan. 66956
(913) 378-3141
Donald L. Hamilton, City Administrator
customers: 683
1989 MWh generated: 0
1989 MWh purchased: 7,130
1989 MWh sold: 6,585
1989 revenues: $562,000
established 1950

Marion, City of
203 N. Third
Marion, Kan. 66861
(316) 382-3703
Junior Bredemeier, City Superintendent
customers: 1,135
1989 MWh generated: 0
1989 MWh purchased: 13,054
1989 MWh sold: 11,396
1989 revenues: $944,000

McPherson, City of*
400 E. Kansas Ave.
McPherson, Kan. 67460
(316) 241-0661
R. N. Anderson, General Manager
customers: 7,213
nameplate capacity (kW): gas: 163,100; oil: 57,400
1989 MWh generated: 7,384
1989 MWh purchased: 426,532
1989 MWh sold: retail: 394,655
wholesale: 25,648
1989 revenues: retail: $14,622,000
wholesale: $2,956,000
established 1909

Meade, City of*
132 S. Fowler Ave.
Meade, Kan. 67864
(316) 873-2091
Dennis Eckhoff, City Administrator
customers: 913
nameplate capacity (kW): oil: 8,700
1989 MWh generated: 10,739
1989 MWh purchased: 0
1989 MWh sold: 9,647
1989 revenues: $810,000
established 1910

Minneapolis, City of
218 N. Rock St.
Minneapolis, Kan. 67467
(913) 392-2176
Emery Graves, Clerk/Administrator
customers: 1,050
nameplate capacity (kW): gas: 7,800; oil: 2,400
1989 MWh generated: 2,307
1989 MWh purchased: 11,972
1989 MWh sold: 11,611
1989 revenues: $755,000
established 1921

Montezuma, City of
Box 37
Montezuma, Kan. 67867
(316) 846-2264
Dwight Watson, City Superintendent
customers: 445
1989 MWh generated: 0
1989 MWh purchased: 6,000
1989 MWh sold: 6,000
1989 revenues: $460,000
established 1921

Moran, City of
Box 236
Moran, Kan. 66755
(316) 237-4301
Robert Rhodes, Superintendent
customers: 285
1989 MWh generated: 0
1989 MWh purchased: 3,926
1989 MWh sold: 3,758
1989 revenues: $188,000
established 1900

Morrill, City of
Box 146
Morrill, Kan. 66515
(913) 459-2231
Greg Duryea, Utility Superintendent
customers: 148
1989 MWh generated: 0
1989 MWh purchased: 1,240
1989 MWh sold: 1,114
1989 revenues: $89,000
established 1927

Moundridge, City of
Box 636
Moundridge, Kan. 67107
(316) 345-8246
Norman Unruh, Utility Superintendent
customers: 773
1989 MWh generated: 0
1989 MWh purchased: 14,900
1989 MWh sold: 13,729
1989 revenues: $994,000
established 1909

Mount Hope, City of
112 W. Main, Box 56
Mount Hope, Kan. 67108
(316) 667-2211
Chris Rasmussen, Superintendent
customers: 343
1989 MWh generated: 0
1989 MWh purchased: 4,010
1989 MWh sold: 3,831
1989 revenues: $343,000

Mulberry Municipal Light Plant
Box 206
Mulberry, Kan. 66756
(316) 764-3815
Ladd Keefover, Superintendent
customers: 295
1989 MWh generated: 0
1989 MWh purchased: 2,513
1989 MWh sold: 2,107
1989 revenues: $167,000
established 1915

Mulvane, City of*
N. Second St., Box 211
Mulvane, Kan. 67110
(316) 777-1143
Gary Rambo, Superintendent
customers: 1,821
nameplate capacity (kW): gas: 1,400; oil: 5,000
1989 MWh generated: 79
1989 MWh purchased: 26,128
1989 MWh sold: 24,412
1989 revenues: $1,686,000
established 1902

Neodesha, City of
102 S. Fourth St.
Neodesha, Kan. 66757
(316) 325-2925
Terry L. Johnson, Foreman
customers: 1,701
nameplate capacity (kW): gas/oil: 8,150
1989 MWh generated: 375
1989 MWh purchased: 27,515
1989 MWh sold: 25,802
1989 revenues: $2,437,000
established 1922

Norton, City of*
301 E. Washington St.
Norton, Kan. 67654
(913) 877-2255
Allen Loyd, City Administrator
customers: 1,785
nameplate capacity (kW): gas: 8,800; oil: 2,500
1989 MWh generated: 3,979
1989 MWh purchased: 20,343
1989 MWh sold: 19,279
1989 revenues: $1,524,000
established 1912

Oakley, City of*
209 Hudson Ave.
Oakley, Kan. 67748
(913) 672-3135
Frank Salisbury, City Superintendent
customers: 1,245
1989 MWh generated: 0
1989 MWh purchased: 17,765
1989 MWh sold: 13,528
1989 revenues: $970,000
established 1910

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Oberlin, City of
107 W. Commercial St.
Oberlin, Kan. 67749
(913) 475-2217
Jack O'Toole, City Superintendent
customers: 1,283
1989 MWh generated: 0
1989 MWh purchased: 17,385
1989 MWh sold: 12,830
1989 revenues: $1,134,000
established 1901

Osage City, City of
Fifth & Main Sts.
Osage City, Kan. 66523
(913) 527-3851
Donald Brenner, Electrical Superintendent
customers: 1,487
nameplate capacity (kW): oil: 10,200
1989 MWh generated: 2,754
1989 MWh purchased: 18,062
1989 MWh sold: 18,806
1989 revenues: $1,251,000

Osawatomie, City of*
Main at Fifth, Box 37
Osawatomie, Kan. 66064
(913) 755-4138
Arthur Schufflebarger, City Manager
customers: 1,897
nameplate capacity (kW): oil: 7,000
1989 MWh generated: 39
1989 MWh purchased: 17,645
1989 MWh sold: 19,737
1989 revenues: $1,386,000

Osborne, City of
133 W. Main St.
Osborne, Kan. 67473
(913) 346-2722
Dick Schurr, City Superintendent
customers: 1,114
nameplate capacity (kW): oil: 5,400
1989 MWh generated: 80
1989 MWh purchased: 12,651
1989 MWh sold: 10,848
1989 revenues: $879,000

Ottawa, City of*
Fourth & Walnut Sts.
Ottawa, Kan. 66067
(913) 242-2190
Jack E. Davis, Director of Utilities
customers: 5,314
nameplate capacity (kW): gas/oil: 30,000
1989 MWh generated: 1,304
1989 MWh purchased: 82,617
1989 MWh sold: 76,645
1989 revenues: $6,013,000
established 1906

Oxford, City of
121 S. Sumner St.
Oxford, Kan. 67119
(316) 455-2223
Robert Spoon, Superintendent
customers: 618
nameplate capacity (kW): unavailable
1989 MWh generated: 12
1989 MWh purchased: 8,015
1989 MWh sold: 6,729
1989 revenues: $533,000

Pomona, City of
Box 67
Pomona, Kan. 66076
(913) 566-3522
Carl E. Waltman, Electric Superintendent
customers: 515
1989 MWh generated: 0
1989 MWh purchased: 5,092
1989 MWh sold: 4,657
1989 revenues: $349,000
established 1914

Pratt, City of
321 W. Tenth St., Box 807
Pratt, Kan. 67124
(316) 672-2022
Arlyn Bradford, Superintendent
customers: 3,871
nameplate capacity (kW): oil: 23,500
1989 MWh generated: 42,138
1989 MWh purchased: 0
1989 MWh sold: retail: 55,886
wholesale: 1,842
1989 revenues: retail: $3,590,000
wholesale: $93,000
established 1910

Prescott, City of
Main St.
Prescott, Kan. 66767
(913) 471-4521
Leonard Fyock, Clerk
customers: 142
1989 MWh generated: 0
1989 MWh purchased: 1,381
1989 MWh sold: 1,288
1989 revenues: $104,000
established 1921

Radium, City of
Box 162, Route 2
Radium, Kan. 67571
(316) 982-4695
John Paden, City Clerk
customers: 20
1989 MWh generated: 0
1989 MWh purchased: 703
1989 MWh sold: 657
1989 revenues: $46,000
established 1935

Robinson, City of
Box 36
Robinson, Kan. 66532
(913) 544-6537
Loren Davenport, Mayor
customers: 161
1989 MWh generated: 0
1989 MWh purchased: 1,461
1989 MWh sold: 1,248
1989 revenues: $99,000

Russell, City of
Eighth & Maple Sts., Box 112
Russell, Kan. 67665
(913) 483-6311
Earl Homewood, Director
customers: 3,217
nameplate capacity (kW): gas: 18,200; oil: 5,000
1989 MWh generated: 38,603
1989 MWh purchased: 20,522
1989 MWh sold: retail: 52,075
wholesale: 264
1989 revenues: $3,773,000
established 1910

Sabetha Municipal Light Department
Box 187
Sabetha, Kan. 66534
(913) 284-2158
Ted Hayden, City Administrator
customers: 1,636
nameplate capacity (kW): oil: 12,500
1989 MWh generated: 2,407
1989 MWh purchased: 31,414
1989 MWh sold: 33,783
1989 revenues: $1,891,000

St. Francis, City of
Box 517
St. Francis, Kan. 67756
(913) 332-3031
Gary L. Pittman, Plant Foreman
customers: 1,045
nameplate capacity (kW): oil: 5,900
1989 MWh generated: 48
1989 MWh purchased: 9,438
1989 MWh sold: 8,400
1989 revenues: $915,000
established 1914

St. John, City of
P.O. Box 367
St. John, Kan. 67576
(316) 549-3800
Pam Corby, City Administrator
customers: 855
nameplate capacity (kW): oil: 5,000
1989 MWh generated: 1,000
1989 MWh purchased: 8,000
1989 MWh sold: 8,000
1989 revenues: $771,000
established 1910

St. Marys, City of
Box 146
St. Marys, Kan. 66536
(913) 437-2311
Ross Vander Hamm, City Manager
customers: 905
1989 MWh generated: 0
1989 MWh purchased: 12,982
1989 MWh sold: 11,559
1989 revenues: $854,000
established 1908

Savonburg, City of
Savonburg, Kan. 66772
(316) 754-3278
Earlene Johnson, Clerk
customers: 66
1989 MWh generated: 0
1989 MWh purchased: 373
1989 MWh sold: 283
1989 revenues: $31,000
established 1902

Scranton, City of
Box 218
Scranton, Kan. 66537
(913) 793-2814
Ernest L. Moslander, Administrative Assistant
customers: 305
1989 MWh generated: 0
1989 MWh purchased: 2,897
1989 MWh sold: 2,538
1989 revenues: $200,000
established 1919

Seneca, City of
531 Main St.
Seneca, Kan. 66538
(913) 336-2747
Robert Ackerman, Clerk
customers: 1,194
1989 MWh generated: 0
1989 MWh purchased: 17,371
1989 MWh sold: 15,544
1989 revenues: $1,144,000
established 1903

Severance, City of
Box 67
Severance, Kan. 66081
(913) 359-6696
Phyllis Simmons, City Clerk
customers: 58
1989 MWh generated: 0
1989 MWh purchased: 393
1989 MWh sold: 282
1989 revenues: $25,000

Seward, City of
Box 256
Seward, Kan. 67577
(316) 458-5931
Janice Becker, Clerk
customers: 53
1989 MWh generated: 0
1989 MWh purchased: 424
1989 MWh sold: 424
1989 revenues: $43,000

Sharon Springs, City of*
Box 490
Sharon Springs, Kan. 67758
(913) 852-4232
Pete Sharp, City Superintendent
customers: 627
nameplate capacity (kW): oil: 3,100
1989 MWh generated: 138
1989 MWh purchased: 6,146
1989 MWh sold: 4,938
1989 revenues: $590,000
established 1918

Stafford, City of
112 W. Broadway
Stafford, Kan. 67578
(316) 234-5561
Bill Kirkpatrick, Supervisor
customers: 896
nameplate capacity (kW): oil: 5,051
1989 MWh generated: 1,110
1989 MWh purchased: 7,705
1989 MWh sold: 7,551
1989 revenues: $619,000

Sterling, City of
114 N. Broadway St.
Sterling, Kan. 67579
(316) 278-3411
Randy Riggs, City Manager
customers: 1,134
nameplate capacity (kW): oil: 6,200
1989 MWh generated: 1,500
1989 MWh purchased:
from nonutilities: 12,500
1989 MWh sold: 12,000
1989 revenues: $924,000
established 1916

Stockton, City of
Box 512
Stockton, Kan. 67669
(913) 425-6525
City Manager
customers: 1,066
nameplate capacity (kW): gas: 6,300
1989 MWh generated: 672
1989 MWh purchased: 16,296
1989 MWh sold: 15,307
1989 revenues: $1,266,000
established 1908

Summerfield, Town of
Summerfield, Kan. 66541
(913) 244-6258
Donald Stueve, Mayor
customers: 152
1989 MWh generated: 0
1989 MWh purchased: 1,272
1989 MWh sold: 994
1989 revenues: $83,000

Toronto, City of
Box 235
Toronto, Kan. 66777-0235
(316) 637-2605
Orray Kasper, Mayor
customers: 262
1989 MWh generated: 0
1989 MWh purchased: 1,402
1989 MWh sold: 1,353
1989 revenues: $127,000

Troy, City of
137 W. Walnut
Troy, Kan. 66087
(913) 985-2265
Leonard Clary, Superintendent
customers: 632
1989 MWh generated: 0
1989 MWh purchased: 6,034
1989 MWh sold: 4,948
1989 revenues: $433,000
established 1911

Udall, City of
110 S. Main St.
Udall, Kan. 67146
(316) 782-3512
Larry B. Dale, City Superintendent
customers: 362
1989 MWh generated: 0
1989 MWh purchased: 4,110
1989 MWh sold: 3,730

KANSAS *(continued)*

1989 revenues: $337,000
established 1939

Vermillion, City of
Second & Main Sts., Box 127
Vermillion, Kan. 66544
(913) 382-6224
Robert F. Lee, Mayor
customers: 99
1989 MWh generated: 0
1989 MWh purchased: 736
1989 MWh sold: 579
1989 revenues: $62,000

Wamego, City of*
430 Lincoln St., Box 86
Wamego, Kan. 66547
(913) 456-9119
Mark Arbuthnot, City Manager
customers: 1,741
nameplate capacity (kW): oil: 8,100
1989 MWh generated: 2,466
1989 MWh purchased: 24,005
1989 MWh sold: 23,074
1989 revenues: $1,727,000
established 1908

Washington Municipal Power Plant
Park Road, Box 296
Washington, Kan. 66968
(913) 325-2231
Ivan W. Hinkle, Plant Supervisor
customers: 779
nameplate capacity (kW): oil: 9,000
1989 MWh generated: 26
1989 MWh purchased: 10,431
1989 MWh sold: 8,334
1989 revenues: $570,000
established 1938

Waterville, City of
204 E. Front
Waterville, Kan. 66548
(913) 785-2367
Alson C. Tryon, Superintendent
customers: 424
1989 MWh generated: 0
1989 MWh purchased: 3,944
1989 MWh sold: 3,538
1989 revenues: $298,000

Wathena, City of
206 St. Joseph St., Box 27
Wathena, Kan. 66090
(913) 989-4711
Ronald V. Gabriel, Clerk
customers: 620
1989 MWh generated: 0
1989 MWh purchased: 6,574
1989 MWh sold: 5,986
1989 revenues: $540,000
established 1937

Webber, City of
Webber, Kan. 66970
(913) 753-4401
Norma Thomas, City Clerk
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1937

Wellington Municipal Utilities*
317 S. Washington St.
Wellington, Kan. 67152
(316) 326-3871
City Manager
customers: 4,354
nameplate capacity (kW): gas: 41,000
1989 MWh generated: 10,222
1989 MWh purchased: 77,555
1989 MWh sold: 79,931
1989 revenues: $5,927,000
established 1902

Winfield, City of*
200 E. Ninth St., Box 646
Winfield, Kan. 67156
(316) 221-3060
Richard L. Craft, Director of Electric Utility
customers: 7,587
nameplate capacity (kW): gas: 56,000
1989 MWh generated: 186,787
1989 MWh purchased: 152,465
1989 MWh sold: 177,386
1989 revenues: $10,424,000
established 1904

Kentucky

(Systems designated (TVA) are distributors of Tennessee Valley Authority power and purchase all of their power from TVA.)

Barbourville, City of
Daniel Boone Drive, Box 651
Barbourville, Ky. 40906
(606) 546-3187
Randell Young, Manager
customers: 3,429
1989 MWh generated: 0
1989 MWh purchased: 70,056
1989 MWh sold: 66,068
1989 revenues: $3,425,000
established 1938

Bardstown, City of*
220 N. Fifth St., Box 368
Bardstown, Ky. 40004
(502) 348-5947
Lawrence A. Hamilton,
City Engineer
customers: 2,993
1989 MWh generated: 0
1989 MWh purchased: 102,466
1989 MWh sold: 91,576
1989 revenues: $4,391,000

Bardwell, City of
Box 277
Bardwell, Ky. 42023
(502) 628-3833
Donald M. Terry, Manager
customers: 544
1989 MWh generated: 0
1989 MWh purchased: 7,112
1989 MWh sold: 6,591
1989 revenues: $359,000
established 1941

Benham, City of
Box E
Benham, Ky. 40807
(606) 848-5506
Jimmy Dale Hensley, Chairman, Power Board
customers: 333
1989 MWh generated: 0
1989 MWh purchased: 5,653
1989 MWh sold: 5,111
1989 revenues: $273,000

Benton Electric System*
Box 196
Benton, Ky. 42025
(502) 527-3651
Larry Spears, Manager
customers: 2,192
1989 MWh generated: 0
1989 MWh purchased: 52,893 (TVA)
1989 MWh sold: 50,211
1989 revenues: $3,145,000
established 1945

Berea College*
CPO 2337
Berea, Ky. 40404
(606) 986-4611
Mike Bethurem, Utilities Administrator
customers: 3,714
1989 MWh generated: 0
1989 MWh purchased: 96,033
1989 MWh sold: 91,204
1989 revenues: $3,874,000
established 1891

Bowling Green Municipal Utilities
801 Center St., Box 10300
Bowling Green, Ky. 42102-4300
(502) 782-1200
Eddie Beck, General Manager
customers: 19,410
1989 MWh generated: 0
1989 MWh purchased: 612,016 (TVA)
1989 MWh sold: 585,916
1989 revenues: $33,685,000
established 1942

Corbin Utilities Commission
901 S. Main St.
Corbin, Ky. 40701
(606) 528-4026
George P. Rains, General Manager
customers: 3,779
1989 MWh generated: 0
1989 MWh purchased: 63,732
1989 MWh sold: 54,214
1989 revenues: $2,952,000
established 1948

Falmouth, City of
212 Main St.
Falmouth, Ky. 41040
(606) 654-6937
Pete Lawson, Superintendent
customers: 1,300
1989 MWh generated: 0
1989 MWh purchased: 16,701
1989 MWh sold: 13,361
1989 revenues: $902,000

Frankfort Electric & Water Plant Board*
315 W. Second St.
Frankfort, Ky. 40601
(502) 223-3401
Warner J. Caines, General Manager
customers: 17,066
1989 MWh generated: 0
1989 MWh purchased: 535,584
1989 MWh sold: 500,755
1989 revenues: $19,700,000
established 1943

Franklin Electric Plant Board+ *
309 N. High St., Box 349
Franklin, Ky. 42134
(502) 586-4441
Billy C. Austin, Superintendent
customers: 4,026
1989 MWh generated: 0
1989 MWh purchased: 172,913 (TVA)
1989 MWh sold: 166,626
1989 revenues: $8,990,000
established 1943

Fulton Electric System+
501 Walnut St., Box 130
Fulton, Ky. 42041
(502) 472-1362
David Moss, Manager
customers: 1,871
1989 MWh generated: 0
1989 MWh purchased: 55,740
1989 MWh sold: 53,115
1989 revenues: $3,067,000
established 1962

Glasgow, City of+ *
100 Mallory Drive, Box 666
Glasgow, Ky. 42141
(502) 651-8341
William J. Ray, Superintendent
customers: 5,951
1989 MWh generated: 0
1989 MWh purchased: 256,000 (TVA)
1989 MWh sold: 241,000
1989 revenues: $12,940,000
established 1962

Henderson City Utility Commission*
419 Water St., Box 8
Henderson, Ky. 42420
(502) 826-2726
Steven W. Kirchoff, General Manager
customers: 10,589
nameplate capacity (kW): coal: 393,800; gas: 2,400
1989 MWh generated: 1,810,300
1989 MWh purchased: 26,900
1989 MWh sold: retail: 351,411
wholesale: 1,468,885
1989 revenues: retail: $11,503,000
wholesale: $12,346,000
established 1897

Hickman, City of
Box 228
Hickman, Ky. 42050
(502) 236-3951
James H. Eakes, Manager
customers: 1,278
1989 MWh generated: 0
1989 MWh purchased: 20,502 (TVA)
1989 MWh sold: 19,210
1989 revenues: $1,375,000
established 1965

Hopkinsville Electric System+ *
1820 E. Ninth St., Box 544
Hopkinsville, Ky. 42240
(502) 887-4210
Austin B. Carroll, General Manager
customers: 12,825
1989 MWh generated: 0
1989 MWh purchased: 373,981 (TVA)
1989 MWh sold: 358,269
1989 revenues: $19,001,000
established 1942

Madisonville, City of*
37 E. Center St., Box 704
Madisonville, Ky. 42431
(502) 821-4522
Lloyd Morrell, City Administrative Officer
customers: 8,095
1989 MWh generated: 0
1989 MWh purchased: 239,933
1989 MWh sold: 239,231
1989 revenues: $11,247,000
established 1922

Mayfield Electric & Water System*
301 E. Broadway St.
Mayfield, Ky. 42066
(502) 247-4661
James R. Gooch, General Superintendent
customers: 5,702
1989 MWh generated: 0
1989 MWh purchased: 129,735 (TVA)
1989 MWh sold: 125,335
1989 revenues: $7,383,000
established 1942

Monticello, City of*
615 Columbia Ave., Box 657
Monticello, Ky. 42633
(606) 348-8102
James H. McCune, Superintendent
customers: 3,060
1989 MWh generated: 0
1989 MWh purchased: 73,000 (TVA)
1989 MWh sold: 69,000
1989 revenues: $3,836,000
established 1954

Murray Electric+ *
401 Olive St., Box 1095
Murray, Ky. 42071

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(502) 753-5312
Ron Underwood, Superintendent
customers: 6,085
1989 MWh generated: 0
1989 MWh purchased: 216,607 (TVA)
1989 MWh sold: 208,434
1989 revenues: $11,693,000
established 1942

Nicholasville, City of
517 N. Main St.
Nicholasville, Ky. 40356
(606) 885-9473
David House, General Manager
customers: 4,426
1989 MWh generated: 0
1989 MWh purchased: 111,335
1989 MWh sold: 102,262
1989 revenues: $4,442,000

Olive Hill, City of
Box 460
Olive Hill, Ky. 41164
(606) 286-2192
Alice Fielding, Utilities Clerk
customers: 1,350
1989 MWh generated: 0
1989 MWh purchased: 22,000
1989 MWh sold: 20,000
1989 revenues: $959,000

Owensboro Municipal Utilities+ *
115 E. Fourth St., Box 806
Owensboro, Ky. 42301
(502) 926-3200
Robert M. Carper, General Manager
customers: 25,695
nameplate capacity (kW): coal: 416,000
1989 MWh generated: 1,739,617
1989 MWh purchased: 15,792
1989 MWh sold: retail: 666,950
wholesale: 1,052,224
1989 revenues: retail: $23,040,000
wholesale: $17,804,000
established 1900

Paducah Power System+ *
1400 Broadway St., Box 180
Paducah, Ky. 42001
(502) 442-2711
Olin W. Bryant, General Manager
customers: 20,993
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 502,238
1989 MWh sold: 477,868
1989 revenues: $28,959,000
established 1961

Paris, City of*
800 Pleasant St.
Paris, Ky. 40361
(606) 987-2630
Robert Casher, Assistant City Manager
customers: 2,447
nameplate capacity (kW): oil: 11,800
1989 MWh generated: 564
1989 MWh purchased: 34,690
1989 MWh sold: 33,516
1989 revenues: $1,485,000
established 1931

Princeton, City of+ *
Box 608
Princeton, Ky. 42445
(502) 365-2031
Walter R. Smith, Superintendent
customers: 3,782
1989 MWh generated: 0
1989 MWh purchased: 70,313 (TVA)
1989 MWh sold: 65,812
1989 revenues: $4,599,000
established 1961

Providence, City of
North Willow Street, Box 128
Providence, Ky. 42450
(502) 667-5463
Charlotte B. Hendon, Clerk
customers: 1,826
1989 MWh generated: 0
1989 MWh purchased: 30,870
1989 MWh sold: 26,854
1989 revenues: $1,661,000
established 1921

Russellville Electric Plant Board+ *
Box 418
Russellville, Ky. 42276
(502) 726-2466
Larry S. Wilcutt, Superintendent
customers: 3,910
1989 MWh generated: 0
1989 MWh purchased: 105,241 (TVA)
1989 MWh sold: 101,014
1989 revenues: $5,959,000
established 1942

Vanceburg, City of*
611 Front St., Box 489
Vanceburg, Ky. 41179
(606) 796-2641
Donald Burton, Superintendent
customers: 2,414
1989 MWh generated: 0
1989 MWh purchased: 40,457
1989 MWh sold: 36,689
1989 revenues: $1,893,000
established 1939

Williamstown Utility Commission
Main St.
Williamstown, Ky. 41097
(606) 824-3352
Jeffrey W. Clemons, Superintendent
customers: 1,276
1989 MWh generated: 0
1989 MWh purchased: 40,376
1989 MWh sold: 36,968
1989 revenues: $2,414,000
established 1925

Louisiana

Abbeville, City of*
304 Charity St.
Abbeville, La. 70510
(318) 893-8550
R. Brady Broussard, Mayor
customers: 4,763
1989 MWh generated: 0
1989 MWh purchased: 104,019
1989 MWh sold: 89,965
1989 revenues: $11,303,000
established 1898

Alexandria, City of*
Box 71
Alexandria, La. 71309
(318) 473-1100
A. E. Craig Jr., Director of Utilities
customers: 25,180
nameplate capacity (kW): gas: 175,000
1989 MWh generated: 15,757
1989 MWh purchased: 574,136
1989 MWh sold: 522,707
1989 revenues: $36,867,000

Boyce, Town of
Box 146
Boyce, La. 71409
(318) 793-2175
Lynn Basco, Superintendent
customers: 465
1989 MWh generated: 0
1989 MWh purchased: 8,252
1989 MWh sold: 5,921
1989 revenues: $400,000

Erath, Town of*
115 W. Edwards
Erath, La. 70533
(318) 937-8401
Leroy G. Squire, Mayor
customers: 850
1989 MWh generated: 0
1989 MWh purchased: 14,443
1989 MWh sold: 13,073
1989 revenues: $1,274,000

Gueydan, Town of*
600 Main St.
Gueydan, La. 70542
(318) 536-9415
Sherman Trahan, Supervisor
customers: 800
1989 MWh generated: 0
1989 MWh purchased: 12,749
1989 MWh sold: 12,159
1989 revenues: $1,108,000

Jonesville, City of*
Box 428
Jonesville, La. 71343
(318) 339-8596
Sim Nichols, Superintendent
customers: 1,286
1989 MWh generated: 0
1989 MWh purchased: 19,925
1989 MWh sold: 19,567
1989 revenues: $1,778,000

Kaplan, City of*
511 N. Cushing Ave.
Kaplan, La. 70548
(318) 643-8602
Newton Bercier, Superintendent
customers: 2,090
1989 MWh generated: 0
1989 MWh purchased: 44,570
1989 MWh sold: 40,000
1989 revenues: $3,844,000

Lafayette, City of+ *
1210 Walker Road, Box 4017-C
Lafayette, La. 70502
(318) 268-5800
Don Ouchley, Director of Utilities
customers: 43,398
nameplate capacity (kW): coal: 279,000; gas: 379,100
1989 MWh generated: 2,094,450
1989 MWh purchased: 408,845
1989 MWh sold: retail: 1,188,382
wholesale: 1,230,353
1989 revenues: retail: $69,775,000
wholesale: $42,449,000
established 1897

Minden Light & Water Department*
Box 580
Minden, La. 71119
(318) 377-2144
Gordon M. Bartage, Superintendent
customers: 6,150
nameplate capacity (kW): gas: 39,000
1989 MWh generated: 1,135
1989 MWh purchased: 116,954
1989 MWh sold: 105,714
1989 revenues: $7,897,000

Morgan City, City of*
Avoca Road, Box 1218
Morgan City, La. 70381
(504) 385-1770
Bill Cefalu, Utility Director
customers: 6,170
nameplate capacity (kW): gas: 70,300
1989 MWh generated: 22,664
1989 MWh purchased:
from utilities: 26,093
from nonutilities: 111,878
1989 MWh sold: 137,086
1989 revenues: $9,838,000

Natchitoches, City of*
314 Amulet St., Box 37
Natchitoches, La. 71457
(318) 352-2901
Robert J. Tynes, Director of Utilities
customers: 6,157
1989 MWh generated: 0
1989 MWh purchased: 175,633
1989 MWh sold: 152,174
1989 revenues: $10,106,000

New Roads, City of*
237 W. Main St.
New Roads, La. 70760
(504) 638-7047
J. B. Laurent, City Manager
customers: 1,959
nameplate capacity (kW): gas: 9,500
1989 MWh generated: 796
1989 MWh purchased: 32,810
1989 MWh sold: 31,706
1989 revenues: $2,342,000

Plaquemine City Light & Water*
Box 777
Plaquemine, La. 70764
(504) 687-2461
Ronnie Rockforte, Superintendent
customers: 4,500
nameplate capacity (kW): gas: 44,000
1989 MWh generated: 7,862
1989 MWh purchased: 73,481
1989 MWh sold: 67,822
1989 revenues: $6,248,000

Rayne, City of*
201 Third Ave., Box 69
Rayne, La. 70578
(318) 334-5870
Pierre Gary, Superintendent
customers: 3,613
nameplate capacity (kW): gas: 11,700
1989 MWh generated: 55,840
1989 MWh purchased: 0
1989 MWh sold: 49,679
1989 revenues: $4,220,000

Ruston, City of*
Box 280
Ruston, La. 71273-0280
(318) 255-0800
William Z. Spivey, Director of Utilities
customers: 7,721
nameplate capacity (kW): gas: 90,500
1989 MWh generated: 133,426
1989 MWh purchased: 71,387
1989 MWh sold: 183,763
1989 revenues: $9,883,000
established 1897

St. Martinville, City of*
120 New Market St., Box 379
St. Martinville, La. 70582
(318) 394-5591
Wilson Dore, Superintendent
customers: 2,746
1989 MWh generated: 0
1989 MWh purchased: 45,618
1989 MWh sold: 40,645
1989 revenues: $2,888,000

Terrebonne Parish Utilities Department*
Box 6097
Houma, La. 70361
(504) 873-6755
Thomas K. Bourg, Director of Utilities
customers: 8,478
nameplate capacity (kW): gas: 98,100
1989 MWh generated: 131,463
1989 MWh purchased: 315,809
1989 MWh sold: retail: 188,494
wholesale: 229,183
1989 revenues: retail: $8,905,000
wholesale: $4,313,000
established 1898

Vidalia, Town of*
409 Texas St.
Vidalia, La. 71373
(318) 336-5206
Guy Thompson, Superintendent
customers: 2,081
1989 MWh generated: 0
1989 MWh purchased: 60,300

1989 MWh sold: 58,200
1989 revenues: $3,614,000

Vinton, City of*
1200 Horridge St.
Vinton, La. 70668
(318) 589-7453
Raymond Guillory, Superintendent of Public Work
customers: 1,548
1989 MWh generated: 0
1989 MWh purchased: 23,055
1989 MWh sold: 20,106
1989 revenues: $1,980,000

Welsh, City of*
Box 786
Welsh, La. 70591-
(318) 734-2231
Robert J. Louviere, Superintendent
customers: 1,533
1989 MWh generated: 0
1989 MWh purchased: 25,726
1989 MWh sold: 24,127
1989 revenues: $1,303,000

Winnfield, City of*
Box 509
Winnfield, La. 71483
(318) 628-4152
Dorman Guilliams, Public Works Director
customers: 3,095
1989 MWh generated: 0
1989 MWh purchased: 65,604
1989 MWh sold: 59,092
1989 revenues: $3,969,000
established 1945

Maine

Houlton Water Co.*
21 Bangor St., Box 726
Houlton, Maine 04730
(207) 532-2250
Stephen Socoby, Line Superintendent
customers: 4,873
1989 MWh generated: 0
1989 MWh purchased: 83,840
1989 MWh sold: 78,359
1989 revenues: $6,089,000
established 1908

Kennebunk Light & Power
4 Factory Pasture Lane
Kennebunk, Maine 04043
(207) 985-3311
Chester F. Oiler, Treasurer/General Manager
customers: 4,265
nameplate capacity (kW): unavailable
1989 MWh generated: 2,412
1989 MWh purchased:
from utilities: 85,764
from nonutilities: 39
1989 MWh sold: 83,109
1989 revenues: $6,038,000
established 1893

Lubec, City of
24 Water St., Box 128
Lubec, Maine 04652
(207) 733-5526
W. Milo Haskins, Manager
customers: 1,445
1989 MWh generated: 0
1989 MWh purchased: 10,750
1989 MWh sold: 8,543
1989 revenues: $1,154,000
established 1951

(Lubec sold its utility to Bangor Hydro-Electric Co. on Aug. 1, 1990)

Madison, Town of
26 Weston Ave.
Madison, Maine 04950
(207) 696-4401
George D. Stoutamyer, Superintendent
customers: 2,159
nameplate capacity (kW): hydro: 500
1989 MWh generated: 2,300
1989 MWh purchased: 25,000
1989 MWh sold: 25,500
1989 revenues: $2,044,000
established 1897

Matinicus Plantation Electric Co.
Matinicus, Maine 04851
(207) 366-3870
Elizabeth Burr, General Manager
customers: 105
nameplate capacity (kW): oil:155
1989 MWh generated: 246
1989 MWh purchased: 0
1989 MWh sold: 182
1989 revenues: $66,000
established 1976

Van Buren Light & Power District
67 Main St.
Van Buren, Maine 04785
(207) 868-3321
Louis H. Morneault, Manager
customers: 1,548
1989 MWh generated: 0
1989 MWh purchased: 0
1989 MWh sold: 14,656
1989 revenues: $1,241,000
established 1917

Maryland

Berlin, Town of*
10 William St.
Berlin, Md. 21811
(301) 641-2770
Roberta Ernest, Administrative Assistant
customers: 1,512
1989 MWh generated: 0
1989 MWh purchased: 35,043
1989 MWh sold: 32,933
1989 revenues: $2,306,000
established 1919

Easton Utilities Commission+ *
142 N. Harrison St.
Easton, Md. 21601
(301) 822-6110
Roger C. Judd, General Manager
customers: 7,054
nameplate capacity (kW): gas: 17,800; oil: 41,400
1989 MWh generated: 73,835
1989 MWh purchased: 117,195
1989 MWh sold: retail: 176,222
wholesale: 3,829
1989 revenues: retail: $11,252,000
wholesale: $356,000
established 1914

Hagerstown Light Department*
425 E. Baltimore St.
Hagerstown, Md. 21740-6105
(301) 790-2600
William E. Renner, Utility Manager
customers: 17,139
1989 MWh generated: 0
1989 MWh purchased: 298,944
1989 MWh sold: 282,354
1989 revenues: $14,420,000

Thurmont Municipal Light Co.
10 Frederick Road, Box 385
Thurmont, Md. 21788
(301) 271-7872
Marion W. Rice, Superintendent of Public Works
customers: 1,738
1989 MWh generated: 0
1989 MWh purchased: 49,668
1989 MWh sold: 48,180
1989 revenues: $1,262,000
established 1910

Williamsport, Town of
Town Hall
Williamsport, Md. 21795
(301) 223-7711
Donna Spickler, Clerk/Treasurer
customers: 834
1989 MWh generated: 0
1989 MWh purchased: 17,555
1989 MWh sold: 14,430
1989 revenues: $470,000

Massachusetts

Ashburnham, Town of
86 Central St.
Ashburnham, Mass. 01430
(508) 827-4423
Robert W. Gould, Manager
customers: 2,722
1989 MWh generated: 0
1989 MWh purchased: 23,756
1989 MWh sold: 23,462
1989 revenues: $2,300,000
established 1907

Belmont, Town of*
450 Concord Ave.
Belmont, Mass. 02178
(617) 484-2780
Kenneth L. Conroy, Manager
customers: 10,545
1989 MWh generated: 0
1989 MWh purchased: 111,323
1989 MWh sold: 104,754
1989 revenues: $7,655,000
established 1898

Boylston, Town of+ *
Sanatorium Road
Boylston, Mass. 01505
(508) 869-2626
H. B. White, Manager
customers: 1,709
1989 MWh generated: 0
1989 MWh purchased: 24,806
1989 MWh sold: 21,079
1989 revenues: $2,446,000
established 1912

Braintree, Town of*
44 Allen St.
Braintree, Mass. 02184
(617) 848-1130
Walter R. McGrath, General Manager
customers: 13,361
nameplate capacity (kW): oil: 5,400; other: 96,000
1989 MWh generated: 107,008
1989 MWh purchased: 417,124
1989 MWh sold: retail: 347,127
wholesale: 95,263
1989 revenues: retail: $28,125,000
wholesale: $4,476,000
established 1892

Chester Municipal Electric Light Department
Middlefield St.
Chester, Mass. 01011
(413) 354-7811
Warren Sypteras, Commission Chairman
customers: 581
1989 MWh generated: 0
1989 MWh purchased: 5,279
1989 MWh sold: 4,405
1989 revenues: $551,000
established 1926

Chicopee Municipal Lighting Plant+ *
725 Front St., Box 405
Chicopee, Mass. 01021-0405
(413) 598-8311
Barry W. Soden, General Manager
customers: 24,071
nameplate capacity (kW): unavailable
1989 MWh generated: 98,440
1989 MWh purchased: 289,164
1989 MWh sold: retail: 353,633
wholesale: 30,760
1989 revenues: retail: $24,524,000
wholesale: $1,768,000
established 1894

Concord Municipal Light Plant+ *
135 Keyes Road
Concord, Mass. 01742
(508) 369-2500
Daniel J. Sack, Superintendent
customers: 6,983
1989 MWh generated: 0
1989 MWh purchased: 163,160
1989 MWh sold: 152,151
1989 revenues: $12,302,000
established 1905

Danvers, Town of+ *
2 Burroughs St.
Danvers, Mass. 01923
(508) 774-0005
Wayne P. Marquis, Electric Manager
customers: 10,846
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 274,825
from nonutilities: 6,629
1989 MWh sold: retail: 275,256
wholesale: 4,607
1989 revenues: retail: $30,288,000
wholesale: $391,000
established 1889

Georgetown Municipal Light Department+ *
Moulton & West Sts.
Georgetown, Mass. 01833
(508) 352-8611
Edward I. Stanley, Manager
customers: 2,290
1989 MWh generated: 0
1989 MWh purchased: 29,985
1989 MWh sold: 25,740
1989 revenues: $2,677,000
established 1912

Groton Electric Light Department*
Station Ave., Box 679
Groton, Mass. 01450
(508) 448-6655
Roger H. Beeltje, Manager
customers: 3,044
1989 MWh generated: 0
1989 MWh purchased: 43,946
1989 MWh sold: 38,470
1989 revenues: $4,037,000
established 1909

Groveland, City of*
23 School St.
Groveland, Mass. 01834
(508) 372-1671
Gerald Hill, Manager
customers: 2,040
1989 MWh generated: 0
1989 MWh purchased: 24,974
1989 MWh sold: 22,484
1989 revenues: $1,585,000
established 1907

Hingham Municipal Lighting Plant*
19 Elm St.
Hingham, Mass. 02043-2599
(617) 749-0134

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Joseph R. Spadea Jr., Manager
customers: 8,486
1989 MWh generated: 0
1989 MWh purchased: 142,924
1989 MWh sold: retail: 128,996
wholesale: 145
1989 revenues: retail: $13,297,000
wholesale: $16,000
established 1894

Holden Municipal Light Department+ *
94 Reservoir St.
Holden, Mass. 01520
(508) 829-0276
Edla Ann Bloom, Director
customers: 5,861
1989 MWh generated: 0
1989 MWh purchased: 94,945
1989 MWh sold: retail: 83,276
wholesale: 1,731
1989 revenues: retail: $8,633,000
wholesale: $113,000
established 1912

Holyoke, City of*
70 Suffolk St.
Holyoke, Mass. 01040
(413) 536-9300
George E. Leary, Manager
customers: 18,759
nameplate capacity (kW): oil: 5,160
1989 MWh generated: 16,456
1989 MWh purchased: 322,397
1989 MWh sold: retail: 262,508
wholesale: 4,189
1989 revenues: retail: $24,932,000
wholesale: $470,000
established 1902

Hudson, Town of
49 Forest Ave.
Hudson, Mass. 01749
(508) 568-8736
Horst Huehmer, Manager
customers: 9,741
nameplate capacity (kW): oil: 20,300
1989 MWh generated: 21,144
1989 MWh purchased: 252,460
1989 MWh sold: 248,232
1989 revenues: $29,314,000
established 1897

Hull, Town of+ *
15 Edgewater Road
Hull, Mass. 02045
(617) 925-0051
Roger Jackson, Manager
customers: 5,433
1989 MWh generated: 0
1989 MWh purchased: 46,062
1989 MWh sold: 38,263
1989 revenues: $5,440,000
established 1894

Ipswich, City of*
222 High St.
Ipswich, Mass. 01938
(508) 356-4331
Donald R. Stone Sr., Manager
customers: 5,935
nameplate capacity (kW): gas: 7,800; oil: 5,300
1989 MWh generated: 7,054
1989 MWh purchased: 95,831
1989 MWh sold: retail: 76,309
wholesale: 18,074
1989 revenues: retail: $5,722,000
wholesale: $1,112,000
established 1904

Littleton Electric Light Department+ *
Whitcomb Ave.
Littleton, Mass. 01460
(508) 486-3104
Curtis J. Lanciani, General Manager
customers: 5,412
1989 MWh generated: 0
1989 MWh purchased: 205,507
1989 MWh sold: 187,204
1989 revenues: $16,890,000
established 1912

Mansfield, Town of*
50 West St.
Mansfield, Mass. 02048
(508) 339-7011
John H. Larch, General Manager
customers: 7,243
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 181,038
1989 MWh sold: retail: 163,594
wholesale: 2,807
1989 revenues: retail: $17,568,000
wholesale: $212,000
established 1903

Marblehead Municipal Light Department*
80 Commercial St., Box 369
Marblehead, Mass. 01945
(617) 631-0240
Richard L. Bailey, General Manager
customers: 10,239
nameplate capacity (kW): oil: 6,700
1989 MWh generated: 2,508
1989 MWh purchased: 88,020
1989 MWh sold: retail: 88,110
wholesale: 1,105
1989 revenues: retail: $8,490,000
wholesale: $65,000
established 1894

Merrimac Municipal Light Department+ *
2 School St.
Merrimac, Mass. 01860
(508) 346-8311
Richard Kennedy, Manager
customers: 2,179
1989 MWh generated: 0
1989 MWh purchased: 22,116
1989 MWh sold: 20,287
1989 revenues: $1,550,000
established 1904

Middleborough Gas and Electric Department+ *
32 S. Main St.
Middleborough, Mass. 02346
(508) 947-1371
John W. Dunfey, General Manager
customers: 10,641
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 161,158
1989 MWh sold: retail: 158,584
wholesale: 1,512
1989 revenues: retail: $15,440,000
wholesale: $106,000
established 1893

Middleton, Town of+ *
197 N. Main St., Box 68
Middleton, Mass. 01949
(508) 774-4313
Scott Edwards, Manager
customers: 2,151
1989 MWh generated: 0
1989 MWh purchased: 64,374
1989 MWh sold: retail: 58,104
wholesale: 85
1989 revenues: retail: $6,476,000
wholesale: $7,000
established 1914

North Attleboro, Town of+ *
43 S. Washington St.
North Attleboro, Mass. 02760
(508) 699-7542
David I. Sweetland, Manager
customers: 10,479
nameplate capacity (kW): oil: 2,070
1989 MWh generated: 12,983
1989 MWh purchased: 160,174
1989 MWh sold: retail: 189,243
wholesale: 26,897
1989 revenues: retail: $15,673,000
wholesale: $1,255,000
established 1894

Norwood, Town of*
206 Central St.
Norwood, Mass. 02062
(617) 762-3203
Malcolm McDonald, Superintendent
customers: 14,372
1989 MWh generated: 0
1989 MWh purchased: 328,605
1989 MWh sold: 318,419
1989 revenues: $23,729,000
established 1907

Paxton, Town of+ *
578 Pleasant St.
Paxton, Mass. 01612
(508) 756-9508
Harold L. Smith, Manager
customers: 1,507
1989 MWh generated: 0
1989 MWh purchased: 18,650
1989 MWh sold: retail: 16,451
wholesale: 26
1989 revenues: retail: $1,951,000
wholesale: $4,000
established 1913

Peabody Municipal Light Plant*
Warren St. Extension
Peabody, Mass. 01960
(508) 531-5975
Bruce Patten, Manager
customers: 21,289
nameplate capacity (kW): oil: 32,900
1989 MWh generated: 13,405
1989 MWh purchased:
from utilities: 338,532
from nonutilities: 766
1989 MWh sold: retail: 377,256
wholesale: 376
1989 revenues: retail: $38,612,000
wholesale: $291,000
established 1891

Princeton Municipal Light Department+ *
4 Town Hall Drive, Box 247
Princeton, Mass. 01541
(508) 464-2815
Sharon A. Staz, Manager
customers: 1,432
nameplate capacity (kW): unavailable
1989 MWh generated: 315
1989 MWh purchased: 10,520
1989 MWh sold: 9,460
1989 revenues: $913,000
established 1912

Reading Municipal Light Department+ *
25 Haven St., Box 150
Reading, Mass. 01867
(617) 944-1340
Leonard D. Rucker, General Manager
customers: 22,794
1989 MWh generated: 0
1989 MWh purchased: 637,381
1989 MWh sold: retail: 570,769
wholesale: 761
1989 revenues: retail: $44,315,000
wholesale: $62,000
established 1894

Rowley, Town of+ *
47 Summer St.
Rowley, Mass. 01969
(508) 948-3992
G. Robert Merry, Manager
customers: 2,073
1989 MWh generated: 0
1989 MWh purchased: 31,763
1989 MWh sold: retail: 20,241
wholesale: 9,555
1989 revenues: retail: $1,803,000
wholesale: $346,000
established 1910

Russell Municipal Light Department
Shattuck Road
Russell, Mass. 01071
(413) 862-4400
John Murphy, Manager
customers: 427
1989 MWh generated: 0
1989 MWh purchased: 4,272
1989 MWh sold: 3,852
1989 revenues: $367,000
established 1921

Shrewsbury's Electric Light Plant+ *
100 Maple Ave.
Shrewsbury, Mass. 01545
(508) 845-4881
Thomas Josie, General Manager
customers: 11,029
nameplate capacity (kW): oil: 14,000
1989 MWh generated: 8,491
1989 MWh purchased: 235,713
1989 MWh sold: retail: 218,934
wholesale: 546
1989 revenues: retail: $20,033,000
wholesale: $46,000
established 1908

South Hadley, Town of
85 Main St.
South Hadley, Mass. 01075
(413) 536-1050
Wayne D. Doerpholz, Manager
customers: 6,542
1989 MWh generated: 0
1989 MWh purchased: 93,824
1989 MWh sold: retail: 115,631
wholesale: 223
1989 revenues: retail: $11,811,000
wholesale: $48,000
established 1914

Sterling Municipal Light Department*
50 Main St., Box 430
Sterling, Mass. 01564
(508) 422-8267
Mark V. Magyar, Manager
customers: 2,822
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 35,051
from nonutilities: 110
1989 MWh sold: 30,114
1989 revenues: $4,011,000
established 1911

Taunton Municipal Lighting Plant+ *
Box 870
Taunton, Mass. 02781
(508) 824-5844
Joseph M. Blain, General Manager
customers: 27,911
nameplate capacity (kW): gas: 23,000; oil: 123,300
1989 MWh generated: 372,244
1989 MWh purchased: 147,629
1989 MWh sold: retail: 427,442
wholesale: 146,658
1989 revenues: retail: $32,014,000
wholesale: $8,447,000
established 1897

Templeton Municipal Light Plant*
2 School St.
Baldwinville, Mass. 01436
(508) 939-5323
Gerald P. Skelton, Manager
customers: 2,875
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 69,748
from nonutilities: 1,088
1989 MWh sold: 74,748
1989 revenues: retail: $4,976,000
wholesale: $112,000
established 1906

Wakefield Municipal Light

Department+ *
9 Albion St., Box 190
Wakefield, Mass. 01880
(617) 246-6363
William J. Wallace, Manager
customers: 10,573
1989 MWh generated: 0
1989 MWh purchased: 153,395
1989 MWh sold: 137,256
1989 revenues: $13,557,000
established 1894

Wellesley, Town of*
455 Worcester St., Box 364
Wellesley, Mass. 02181
(617) 235-7600
Maurice R. Berdan, Director of Public Works
customers: 9,438
1989 MWh generated: 0
1989 MWh purchased: 194,200
1989 MWh sold: 186,800
1989 revenues: $14,761,000
established 1892

West Boylston Municipal Lighting Plant+ *
4 Crescent St.
West Boylston, Mass. 01583
(508) 835-3681
John F. Scirpoli, Manager
customers: 2,734
1989 MWh generated: 0
1989 MWh purchased: 53,568
1989 MWh sold: 47,439
1989 revenues: $5,405,000
established 1910

Westfield Gas & Electric Light Department+ *
100 Elm St., Box 990
Westfield, Mass. 01086
(413) 568-9171
Daniel Golubek, General Manager
customers: 15,822
nameplate capacity (kW): unavailable
1989 MWh generated: 294,164
1989 MWh purchased: 0
1989 MWh sold: retail: 268,460
wholesale: 14,414
1989 revenues: retail: $27,562,000
wholesale: $1,180,000
established 1899

Michigan

Baraga, Village of
Box 290
Baraga, Mich. 49908
(906) 353-6237
J. H. Ross, Superintendent
customers: 663
1989 MWh generated: 0
1989 MWh purchased: 7,517
1989 MWh sold: 7,517
1989 revenues: $354,000

Bay City, City of
900 S. Water St.
Bay City, Mich. 48708
(517) 894-8344
Richard G. Harris, Director of Electric
customers: 15,516
nameplate capacity (kW): unavailable
1989 MWh generated: 637
1989 MWh purchased: 216,778
1989 MWh sold: 210,125
1989 revenues: $13,384,000
established 1886

Charlevoix, City of*
210 State St.
Charlevoix, Mich. 49720
(616) 547-3270
Edward Whitley, Superintendent
customers: 3,437
1989 MWh generated: 0
1989 MWh purchased: 46,319
1989 MWh sold: 42,552
1989 revenues: $2,526,000
established 1900

Chelsea Department of Electric & Water
104 E. Middle St.
Chelsea, Mich. 48118
(313) 475-1771
Robert F. Stalker II, Village Manager
customers: 1,640
1989 MWh generated: 0
1989 MWh purchased: 31,956
1989 MWh sold: 30,692
1989 revenues: $1,807,000
established 1898

Clinton, Village of
Box E
Clinton, Mich. 49236
(517) 456-4207
Kevin R. Cornish, Village Manager
customers: 1,273
nameplate capacity (kW): gas: 2,000; oil: 2,200
1989 MWh generated: 83
1989 MWh purchased: 32,037
1989 MWh sold: 30,294
1989 revenues: $2,163,000
established 1893

Coldwater Board of Public Utilities*
28 W. Chicago St.
Coldwater, Mich. 49036
(517) 279-9531
Dwight Woodman, Director
customers: 5,764
nameplate capacity (kW): coal: 11,000; gas: 9,500; oil: 3,300
1989 MWh generated: 8,947
1989 MWh purchased: 144,258
1989 MWh sold: 143,814
1989 revenues: $10,838,000
established 1891

Croswell, City of
100 N. Howard Ave.
Croswell, Mich. 48422
(313) 679-2120
Jeffrey P. Schock, Manager
customers: 1,059
1989 MWh generated: 0
1989 MWh purchased: 29,591
1989 MWh sold: 26,336
1989 revenues: $2,144,000
established 1897

Crystal Falls, City of
401 Superior Ave.
Crystal Falls, Mich. 49920
(906) 875-6647
Walter E. Hagglund, City Manager
customers: 1,531
nameplate capacity (kW): hydro: 1,000
1989 MWh generated: 4,217
1989 MWh purchased: 11,367
1989 MWh sold: 15,161
1989 revenues: $936,000
established 1891

Daggett Electric Department
Daggett, Mich. 49821
(906) 753-6319
R. G. Patterson, Village President
customers: 149
1989 MWh generated: 0
1989 MWh purchased: 1,348
1989 MWh sold: 1,348
1989 revenues: $78,000
established 1912

Detroit Public Lighting Department*
9449 Grinnell Ave.
Detroit, Mich. 48213
(313) 267-7258
George Cascos, Deputy Superintendent
customers: 1,473
nameplate capacity (kW): oil: 179,000
1989 MWh generated: 192,903
1989 MWh purchased: 520,406
1989 MWh sold: 570,822
1989 revenues: $42,149,000
established 1893

Dowagiac, City of*
203 Chestnut St.
Dowagiac, Mich. 49047
(616) 782-8200
Melvin L. Lyons, Director
customers: 2,595
nameplate capacity (kW): gas: 1,100; oil: 2,200
1989 MWh generated: 5,255
1989 MWh purchased: 49,005
1989 MWh sold: 51,732
1989 revenues: $3,410,000
established 1930

Eaton Rapids, City of
200 S. Main St.
Eaton Rapids, Mich. 48827
(517) 663-8118
Marietta White, City Clerk/Treasurer
customers: 2,089
1989 MWh generated: 0
1989 MWh purchased: 33,013
1989 MWh sold: 30,132
1989 revenues: $1,955,000
established 1898

Escanaba, City of*
120 N. Eighth St.
Escanaba, Mich. 49829
(906) 786-0061
Edwin A. Korpi, Superintendent
customers: 7,428
1989 MWh generated: 0
1989 MWh purchased: 108,071
1989 MWh sold: retail: 102,865
wholesale: 612
1989 revenues: retail: $7,002,000
wholesale: $18,000
established 1894

Gladstone, City of
1100 Delta Ave., Box 32
Gladstone, Mich. 49837
(906) 428-3737
Howard Keeton, City Manager
customers: 2,705
1989 MWh generated: 0
1989 MWh purchased: 24,000
1989 MWh sold: 23,000
1989 revenues: $1,757,000
established 1928

Grand Haven, City of*
1700 Eaton Drive
Grand Haven, Mich. 49417
(616) 846-6250
Phil Trumpfheller, General Manager
customers: 10,622
nameplate capacity (kW): coal: 80,000; oil: 22,900
1989 MWh generated: 345,951
1989 MWh purchased: 17,184
1989 MWh sold: retail: 213,514
wholesale: 145,663
1989 revenues: retail: $16,012,000
wholesale: $4,024,000
established 1896

Harbor Springs, City of*
349 E. Main St.
Harbor Springs, Mich. 49740
(616) 526-2122
Fredrick Geuder, City Manager
customers: 2,671
1989 MWh generated: 0
1989 MWh purchased: 24,986
1989 MWh sold: 22,729
1989 revenues: $1,745,000
established 1898

Hart Hydro, City of
407 State St.
Hart, Mich. 49420
(616) 873-2488
Charles Eisenlohr, Hydro Superintendent
customers: 1,215
nameplate capacity (kW): hydro: 300; gas: 4,000; oil: 600
1989 MWh generated: 1,173
1989 MWh purchased: 20,443
1989 MWh sold: 18,184
1989 revenues: $1,072,000
established 1927

Hillsdale Board of Public Utilities*
45 Monroe St.
Hillsdale, Mich. 49242
(517) 437-3687
Ronald D. Neer, Director
customers: 5,333
nameplate capacity (kW): gas: 19,300; oil: 2,700
1989 MWh generated: 9,866
1989 MWh purchased: 120,095
1989 MWh sold: 121,508
1989 revenues: $8,932,000
established 1893

Holland, City of+ *
268 River Ave.
Holland, Mich. 49423
(616) 394-1320
Timothy C. Morawski, General Manager
customers: 18,585
nameplate capacity (kW): coal: 62,300; oil: 24,000
1989 MWh generated: 348,760
1989 MWh purchased: 253,427
1989 MWh sold: 569,640
1989 revenues: $27,820,000
established 1893

L'Anse, Village of
101 N. Main St.
L'Anse, Mich. 49946
(906) 524-7393
Bruce Carlson, Superintendent
customers: 1,159
1989 MWh generated: 0
1989 MWh purchased: 12,824
1989 MWh sold: 11,906
1989 revenues: $787,000
established 1908

Lansing Board of Water & Light+ *
123 W. Ottawa St.
Lansing, Mich. 48901
(517) 371-6000
Joseph Pandy Jr., Director and General Manager
customers: 87,071
nameplate capacity (kW): hydro: 1,200; coal: 560,500
1989 MWh generated: 2,698,462
1989 MWh purchased: 6,000
1989 MWh sold: retail: 2,186,178
wholesale: 230,244
1989 revenues: retail: $108,235,000
wholesale: $7,365,000
established 1892

Lowell Light & Power*
127 N. Broadway St.
Lowell, Mich. 49331
(616) 897-8402
Herbert Haines, Superintendent
customers: 2,225
nameplate capacity (kW): gas: 3,600; oil: 2,400
1989 MWh generated: 23

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* Member, American Public Power Association
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1989 MWh purchased: 45,379
1989 MWh sold: 40,976
1989 revenues: $2,141,000
established 1895

Marquette Board of Light & Power*
2200 W. Wright St.
Marquette, Mich. 49855
(906) 228-6900
David E. Hickey, Director
customers: 14,054
nameplate capacity (kW): coal: 77,200; hydro: 4,500; oil: 25,000
1989 MWh generated: 236,975
1989 MWh purchased: 7,917
1989 MWh sold: retail: 216,618
wholesale: 15,242
1989 revenues: retail: $15,036,000
wholesale: $2,960,000
established 1889

Marshall, City of
323 W. Michigan
Marshall, Mich. 49068
(616) 781-3967
Terry Smith, Administrator
customers: 3,786
nameplate capacity (kW): hydro: 300; oil: 11,600
1989 MWh generated: 2,089
1989 MWh purchased: 79,610
1989 MWh sold: retail: 75,090
wholesale: 2,089
1989 revenues: retail: $6,662,000
wholesale: $57,000
established 1892

Negaunee Electric Department
600 Cherry St.
Negaunee, Mich. 49866
(906) 475-7220
Robert Johnson, Superintendent
customers: 2,210
1989 MWh generated: 0
1989 MWh purchased: 20,892
1989 MWh sold: 19,385
1989 revenues: $1,393,000

Newberry Water and Light Board
307 E. McMillan Ave.
Newberry, Mich. 49868
(906) 293-8531
Merdith De Verna, Superintendent
customers: 1,380
nameplate capacity (kW): oil: 5,600
1989 MWh generated: 350
1989 MWh purchased: 18,077
1989 MWh sold: 16,431
1989 revenues: retail: $1,001,000
wholesale: $1,000
established 1925

Niles Utilities Department+ *
322 E. Main St., Box 217
Niles, Mich. 49120
(616) 683-4700
S. A. Brett, Manager of Utilities
customers: 6,719
nameplate capacity (kW): hydro: 500
1989 MWh generated: 2,813
1989 MWh purchased: 118,972
1989 MWh sold: 115,957
1989 revenues: $7,254,000
established 1894

Norway, City of
915 Brown St.
Norway, Mich. 49870
(906) 563-9641
Raymond J. France, City Manager
customers: 1,958
nameplate capacity (kW): hydro: 4,800
1989 MWh generated: 20,080
1989 MWh purchased: 8,851
1989 MWh sold: retail: 23,743
wholesale: 1,368
1989 revenues: retail: $1,230,000
wholesale: $32,000
established 1904

Paw Paw, Village of+ *
110 Harry L. Bush Blvd., Box 179
Paw Paw, Mich. 49079
(616) 657-3169
Superintendent
customers: 1,719
1989 MWh generated: 0
1989 MWh purchased: 34,080
1989 MWh sold: 32,280
1989 revenues: $1,940,000
established 1898

Petoskey, City of*
100 W. Lake St.
Petoskey, Mich. 49770
(616) 347-2500
George Korthauer, City Manager
customers: 3,940
1989 MWh generated: 0
1989 MWh purchased: 75,000
1989 MWh sold: retail: 68,000
wholesale: 1,000
1989 revenues: retail: $4,373,000
wholesale: $86,000
established 1898

Portland, City of*
259 Kent St
Portland, Mich. 48875
(517) 647-6912
Jon M. Hyland, Superintendent
customers: 1,933
nameplate capacity (kW): hydro: 400; oil: 1,100
1989 MWh generated: 1,846
1989 MWh purchased: 24,146
1989 MWh sold: 23,576
1989 revenues: $1,666,000
established 1896

St. Louis, City of
412 N. Hill St.
St. Louis, Mich. 48880
(517) 681-3351
Ron Gibson, Superintendent
customers: 1,922
1989 MWh generated: 0
1989 MWh purchased: 21,168
1989 MWh sold: 20,459
1989 revenues: $1,245,000
established 1899

Sebewaing, City of*
110 W. Main St.
Sebewaing, Mich. 48759
(517) 883-2700
Arthur G. Reinhold, Superintendent
customers: 1,219
nameplate capacity (kW): gas: 7,500; oil: 3,100
1989 MWh generated: 20
1989 MWh purchased: 32,385
1989 MWh sold: 30,466
1989 revenues: $2,131,000
established 1911

South Haven, City of
539 Phoenix St.
South Haven, Mich. 49090
(616) 637-5211
Scott Ratter, City Manager
customers: 6,175
1989 MWh generated: 0
1989 MWh purchased: 106,149
1989 MWh sold: 94,535
1989 revenues: $5,210,000
established 1902

Stephenson, City of
Stephenson, Mich. 49887
(906) 753-2225
James Beaudoin, Superintendent
customers: 472
1989 MWh generated: 0
1989 MWh purchased: 6,070
1989 MWh sold: 5,830
1989 revenues: $342,000
established 1920

Sturgis, City of*
130 N. Nottawa, Box 280
Sturgis, Mich. 49091
(616) 651-2321
John E. Brand, City Manager
customers: 6,370
nameplate capacity (kW): hydro: 2,400; gas: 6,000; oil: 4,000
1989 MWh generated: 21,541
1989 MWh purchased: 163,004
1989 MWh sold: 172,104
1989 revenues: $12,112,000
established 1910

Traverse City Light & Power Department+ *
400 Boardman Ave., Box 592
Traverse City, Mich. 49685-0592
(616) 922-4470
Charles R. Fricke, Executive Director
customers: 7,899
nameplate capacity (kW): coal: 24,000; hydro: 3,000; gas: 7,500
1989 MWh generated: 171,540
1989 MWh purchased: 39,614
1989 MWh sold: 200,475
1989 revenues: $13,307,000
established 1912

Union City Electric Department
208 Broadway
Union City, Mich. 49094
(517) 741-8591
James E. Spencer, Superintendent
customers: 1,372
nameplate capacity (kW): hydro: 500; oil: 900
1989 MWh generated: 175
1989 MWh purchased: 13,872
1989 MWh sold: 12,455
1989 revenues: $1,150,000

Wakefield, City of
311 Sunday Lake St.
Wakefield, Mich. 49968
(906) 229-5131
Lawrence R. Anderson, Superintendent
customers: 1,126
1989 MWh generated: 0
1989 MWh purchased: 12,360
1989 MWh sold: 12,000
1989 revenues: $586,000
established 1920

Wyandotte Municipal Service Commission*
3005 Biddle Ave., Box 658
Wyandotte, Mich. 48192
(313) 282-7100
Dale O. Simmons, General Manager
customers: 13,676
nameplate capacity (kW): coal: 73,000
1989 MWh generated: 204,030
1989 MWh purchased: 24,223
1989 MWh sold: 217,434
1989 revenues: $15,943,000
established 1894

Zeeland Board of Public Works+ *
350 E. Washington Ave.
Zeeland, Mich. 49464
(616) 772-6212
David R. Walters, General Manager
customers: 2,924
nameplate capacity (kW): gas: 22,300; oil: 1,000
1989 MWh generated: 35,482
1989 MWh purchased: 83,465
1989 MWh sold: retail: 113,916
wholesale: 47
1989 revenues: retail: $5,730,000
wholesale: $2,000
established 1935

Minnesota

Ada Water & Light Department
Drawer 32
Ada, Minn. 56510
(218) 784-4467
Lowell Thompson, Line Foreman
customers: 1,067
1989 MWh generated: 0
1989 MWh purchased: 21,041
1989 MWh sold: 19,726
1989 revenues: $592,000

Adrian Public Utilities Commission+ *
Box 187
Adrian, Minn. 56110
(507) 483-2680
Terry Miller, Superintendent
customers: 590
1989 MWh generated: 0
1989 MWh purchased: 11,610
1989 MWh sold: 10,603
1989 revenues: $457,000
established 1929

Aitkin Public Utilities Commission*
120 First St. N.W.
Aitkin, Minn. 56431
(218) 927-3222
Wilfrid Fossum, Manager
customers: 1,532
nameplate capacity (kW): oil: 2,400
1989 MWh generated: 26,000
1989 MWh purchased: 0
1989 MWh sold: 24,000
1989 revenues: $1,493,000
established 1892

Alexandria Board of Public Works+ *
316 Fillmore St.
Alexandria, Minn. 56308
(612) 763-6501
Dave Nelson, General Manager
customers: 6,980
1989 MWh generated: 0
1989 MWh purchased: 166,218
1989 MWh sold: 153,002
1989 revenues: $6,779,000
established 1889

Alpha, City of
Box 97
Alpha, Minn. 56111
(507) 847-3557
Jeanne Gettler, Clerk
customers: 106
1989 MWh generated: 0
1989 MWh purchased: 975
1989 MWh sold: 975
1989 revenues: $70,000
established 1915

Alvarado, City of
Box 935
Alvarado, Minn. 56710
(218) 965-4911
Jerome Erickson, Mayor
customers: 184
1989 MWh generated: 0
1989 MWh purchased: 2,921
1989 MWh sold: 2,703
1989 revenues: $175,000

Anoka, City of+ *
2015 First Ave. N.
Anoka, Minn. 55303
(612) 421-6630
Mark Nagel, City Manager
customers: 9,375
1989 MWh generated: 0
1989 MWh purchased: 180,331
1989 MWh sold: 174,160
1989 revenues: $8,933,000
established 1901

Arlington, City of
312 Alden St.
Arlington, Minn. 55307
(612) 964-2378
Arlen Bruhjell, City Clerk-Utility Supervisor
customers: 931
1989 MWh generated: 0
1989 MWh purchased: 14,413
1989 MWh sold: 13,265
1989 revenues: $795,000

Austin, City of+ *
Box 368
Austin, Minn. 55912
(507) 433-8886
Michael Enfield, General Manager
customers: 11,116
nameplate capacity (kW): coal: 31,900
1989 MWh generated: 35,723
1989 MWh purchased: 216,120
1989 MWh sold: retail: 202,795
    wholesale: 35,723
1989 revenues: retail: $14,776,000
    wholesale: $2,299,000
established 1900

Bagley Public Utilities Commission
18 Main Ave. S., Box M
Bagley, Minn. 56621
(218) 694-2300
Bernie Stavig, Superintendent
customers: 647
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 18,754
1989 MWh sold: 16,723
1989 revenues: $800,000
established 1907

Barnesville Electric Department+ *
Box 550
Barnesville, Minn. 56514
(218) 354-2292
H. Gilbertson, Superintendent
customers: 1,425
1989 MWh generated: 0
1989 MWh purchased: 15,300
1989 MWh sold: 14,100
1989 revenues: $744,000
established 1898

Baudette, City of
106 W. Main St.
Baudette, Minn. 56623
(218) 634-2432
George Taylor Jr., City Superintendent
customers: 621
nameplate capacity (kW): oil: 1,900
1989 MWh generated: 4
1989 MWh purchased: 13,916
1989 MWh sold: 13,200
1989 revenues: $764,000

Benson, City of+ *
1410 Kansas Ave.
Benson, Minn. 56215
(612) 843-4775
Robert Klingle, City Manager
customers: 1,703
nameplate capacity (kW): oil: 3,100
1989 MWh generated: 24
1989 MWh purchased: 26,770
1989 MWh sold: 25,045
1989 revenues: $1,176,000
established 1902

Bigelow, City of
1710 Broadway, Box 67
Bigelow, Minn. 56117
(507) 683-2682
Paul Marco, Superintendent
customers: 135
1989 MWh generated: 0
1989 MWh purchased: 2,153
1989 MWh sold: 1,849
1989 revenues: $133,000

Biwabik Public Utilities
Box A
Biwabik, Minn. 55708
(218) 865-4183
Richard E. Harju, Public Utility Superintendent
customers: 544
1989 MWh generated: 0
1989 MWh purchased: 6,809
1989 MWh sold: 6,809
1989 revenues: $377,000
established 1904

Blooming Prairie, City of+ *
Box 55
Blooming Prairie, Minn. 55917
(507) 583-6683
Richard D. Kittleson, General Manager
customers: 937
1989 MWh generated: 0
1989 MWh purchased: 14,782
1989 MWh sold: 13,826
1989 revenues: $990,000
established 1931

Blue Earth Light & Water Department+ *
118 E. Sixth St.
Blue Earth, Minn. 56013
(507) 526-2191
Jeffrey Jansen, General Manager
customers: 2,036
1989 MWh generated: 0
1989 MWh purchased: 39,722
1989 MWh sold: 36,407
1989 revenues: $2,577,000
established 1893

Brainerd, City of+ *
101 Laurel St., Box 373
Brainerd, Minn. 56401
(218) 829-8726
Walter C. Sjolund, Superintendent
customers: 6,390
1989 MWh generated: 0
1989 MWh purchased: 131,482
1989 MWh sold: 117,342
1989 revenues: $6,247,000
established 1892

Breckenridge, City of+ *
420 Nebraska Ave., Box 410
Breckenridge, Minn. 56520
(218) 643-4681
Jeff Muehler, Utility Manager
customers: 1,837
1989 MWh generated: 0
1989 MWh purchased: 35,595
1989 MWh sold: 31,925
1989 revenues: $1,261,000
established 1907

Brewster, City of
906 Third Ave.
Brewster, Minn. 56119
(507) 842-5936
Kenneth Kluver, Superintendent
customers: 259
1989 MWh generated: 0
1989 MWh purchased: 3,350
1989 MWh sold: 3,080
1989 revenues: $218,000
established 1914

Brownton, City of
528 Second St. N.
Brownton, Minn. 55312
(612) 328-5318
Carol Winterfeldt, City Clerk
customers: 340
1989 MWh generated: 0
1989 MWh purchased: 4,472
1989 MWh sold: 4,038
1989 revenues: $241,000
established 1921

Buffalo Municipal Utility+ *
212 Central Ave.
Buffalo, Minn. 55313
(612) 682-1181
Gerald Moe, Utilities Director
customers: 2,758
1989 MWh generated: 0
1989 MWh purchased: 44,600
1989 MWh sold: 40,500
1989 revenues: $2,649,000
established 1921

Buhl, City of
105 Jones Ave.
Buhl, Minn. 55713
(218) 258-3217
Mike Miklovich, Superintendent
customers: 450
1989 MWh generated: 0
1989 MWh purchased: 4,268
1989 MWh sold: 3,865
1989 revenues: $236,000

Caledonia, City of
231 E. Main St., Box 232
Caledonia, Minn. 55921
(507) 724-3450
Robert L. Nelson, City Clerk
customers: 1,371
1989 MWh generated: 0
1989 MWh purchased: 17,181
1989 MWh sold: 15,974
1989 revenues: $974,000
established 1903

Ceylon, City of
Office of the Clerk
Ceylon, Minn. 56121
(507) 632-4653
William F. Ditz, Clerk/Treasurer
customers: 278
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 2,842
1989 MWh sold: 2,553
1989 revenues: $126,000

Chaska, City of*
One City Hall Plaza, 205 E. Fourth St.
Chaska, Minn. 55318
(612) 448-2851
Steve Wilker, Superintendent of Utilities
customers: 4,022
1989 MWh generated: 0
1989 MWh purchased: 105,750
1989 MWh sold: 97,578
1989 revenues: $5,941,000
established 1905

Darwin, Village of
Box 67
Darwin, Minn. 55324
(612) 693-7632
Lauri Cervin, Clerk
customers: 140
1989 MWh generated: 0
1989 MWh purchased: 1,983
1989 MWh sold: 1,887
1989 revenues: $91,000

Delano Municipal Utilities+ *
11 W. Bridge Ave.
Delano, Minn. 55328
(612) 972-3211
Harold J. Becker, Utility Superintendent
customers: 1,295
nameplate capacity (kW): gas: 2,400; oil: 3,500
1989 MWh generated: 329
1989 MWh purchased: 21,949
1989 MWh sold: 20,679
1989 revenues: $1,273,000
established 1932

Detroit Lakes, City of+ *
Box 647
Detroit Lakes, Minn. 56501
(218) 847-7609
Greg Sherman, Superintendent
customers: 5,418
1989 MWh generated: 0
1989 MWh purchased: 105,345
1989 MWh sold: 105,345
1989 revenues: $4,973,000
established 1902

Dundee, City of
Box 65
Dundee, Minn. 56126
(507) 468-2731
Betty Norton, City Clerk
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1921

Dunnell, Village of
Box 94
Dunnell, Minn. 56127
(507) 695-2942
Karen Jerousek, City Clerk
customers: 119
1989 MWh generated: 0
1989 MWh purchased: 1,108
1989 MWh sold: 974
1989 revenues: $58,000
established 1920

East Grand Forks Water, Light, Power & Building Commission
303 Fourth St. N.W., Box 322
East Grand Forks, Minn. 56721
(218) 773-1163
Jerry J. Keller, Secretary
customers: 3,262
1989 MWh generated: 0
1989 MWh purchased: 110,795
1989 MWh sold: 103,147
1989 revenues: $3,970,000
established 1909

Eitzen, City of
Box 110
Eitzen, Minn. 55931
(507) 495-3259
Marjorie Stokman, Clerk-Treasurer
customers: 134
1989 MWh generated: 0
1989 MWh purchased: 1,926
1989 MWh sold: 1,706
1989 revenues: $118,000
established 1946

Elbow Lake, City of+ *
Box 1079
Elbow Lake, Minn. 56531
(218) 685-4483
Ruddy Schei, Superintendent
customers: 733
nameplate capacity (kW): unavailable
1989 MWh generated: 14,070
1989 MWh purchased: 0
1989 MWh sold: 13,282
1989 revenues: $755,000
established 1965

Elk River Municipal Utilities+ *
322 King Ave.
Elk River, Minn. 55330
(612) 441-2020
William Birrenkott, General Manager
customers: 3,681
nameplate capacity (kW): gas: 8,000; oil: 1,200
1989 MWh generated: 51
1989 MWh purchased: 65,258
1989 MWh sold: 59,362
1989 revenues: $4,177,000
established 1945

Ely, City of

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

209 E. Chapman St.
Ely, Minn. 55731
(218) 365-3225
Joseph Jamnick, Superintendent
customers: 2,021
1989 MWh generated: 0
1989 MWh purchased: 27,464
1989 MWh sold: 24,141
1989 revenues: $1,608,000
established 1890

Fairfax, City of*
112 S.E. First St.
Fairfax, Minn. 55332
(507) 426-7255
Larry Linsmeier, Superintendent
customers: 679
1989 MWh generated: 0
1989 MWh purchased: 11,498
1989 MWh sold: 9,700
1989 revenues: $452,000

Fairmont Public Utilities Commission*
100 Downtown Plaza
Fairmont, Minn. 56031
(507) 238-9461
Larry Read, Public Works Director
customers: 5,846
nameplate capacity (kW): coal: 22,500; oil: 13,000
1989 MWh generated: 5,342
1989 MWh purchased: 143,457
1989 MWh sold: 141,718
1989 revenues: $10,816,000
established 1902

Fosston, City of
220 E. First St.
Fosston, Minn. 56542
(218) 435-1737
Russell W. Earls, Superintendent
customers: 873
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 25,616
1989 MWh sold: 22,798
1989 revenues: $1,359,000
established 1941

Gilbert Water & Light
Box 368
Gilbert, Minn. 55741
(218) 741-9617
Ken Hegman, Electric Superintendent
customers: 926
1989 MWh generated: 0
1989 MWh purchased: 9,305
1989 MWh sold: 8,429
1989 revenues: $558,000
established 1908

Glencoe Light & Power Commission+ *
305 11th St. E.
Glencoe, Minn. 55336
(612) 864-5184
Joseph I. Adrian, Manager
customers: 2,317
nameplate capacity (kW): gas: 19,570; oil: 7,060
1989 MWh generated: 1,383
1989 MWh purchased: 57,174
1989 MWh sold: 54,895
1989 revenues: $3,045,000
established 1938

Grand Marais, City of+ *
15 N. Broadway
Grand Marais, Minn. 55604
(218) 387-1848
Thomas N. Swenson, Manager
customers: 980
nameplate capacity (kW): oil: 4,000
1989 MWh generated: 6
1989 MWh purchased: 14,281
1989 MWh sold: 12,680
1989 revenues: $1,005,000
established 1949

Grand Rapids Public Utilities Commission*
420 N. Pokegama Ave., Box 658
Grand Rapids, Minn. 55744
(218) 327-2805
Anthony T. Ward, General Manager
customers: 5,122
1989 MWh generated: 0
1989 MWh purchased: 115,524
1989 MWh sold: 97,414
1989 revenues: $5,364,000
established 1910

Granite Falls, Town of+ *
885 Prentice St.
Granite Falls, Minn. 56241
(612) 564-3011
William P. Lavin, City Manager
customers: 1,599
nameplate capacity (kW): hydro: 1,300
1989 MWh generated: 1,427
1989 MWh purchased: 27,528
1989 MWh sold: 24,542
1989 revenues: $1,161,000
established 1891

Grove City Public Utilities
Box 98
Grove City, Minn. 56243
(612) 857-2322
David Martin, Superintendent
customers: 393
1989 MWh generated: 0
1989 MWh purchased: 5,763
1989 MWh sold: 5,200
1989 revenues: $290,000

Halstad Municipal Utilities
RR 2, Box 1
Halstad, Minn. 56548
(218) 456-2128
Daniel R. Duklet, Superintendent
customers: 339
nameplate capacity (kW): oil: 1,100
1989 MWh generated: 2
1989 MWh purchased: 9,247
1989 MWh sold: 8,608
1989 revenues: $457,000
established 1939

Harmony, City of
815 Main Ave. S., Box 488
Harmony, Minn. 55939
(507) 886-8122
Norman Johnson, Superintendent
customers: 533
1989 MWh generated: 0
1989 MWh purchased: 7,267
1989 MWh sold: 5,755
1989 revenues: $418,000

Hawley Public Utilities Commission
319 Sixth St.
Hawley, Minn. 56549
(218) 483-3331
James Brekke, Clerk/Treasurer
customers: 785
1989 MWh generated: 0
1989 MWh purchased: 14,640
1989 MWh sold: 13,614
1989 revenues: $647,000
established 1909

Henning, City of+ *
Box 55
Henning, Minn. 56551
(218) 583-2402
Donald Hagen, Superintendent
customers: 427
1989 MWh generated: 0
1989 MWh purchased: 7,602
1989 MWh sold: 7,602
1989 revenues: $343,000
established 1956

Hibbing Public Utilities Commission*
Sixth Ave. E. & 19th St.
Hibbing, Minn. 55746
(218) 263-7515
Thomas F. Bovitz, General Manager
customers: 7,139
nameplate capacity (kW): coal: 31,000
1989 MWh generated: 54,009
1989 MWh purchased: 70,062
1989 MWh sold: 100,417
1989 revenues: $8,310,000
established 1895

Hutchinson Utilities Commission*
225 Michigan St.
Hutchinson, Minn. 55350
(612) 587-4746
Clarence Kadrmas, General Manager
customers: 5,399
nameplate capacity (kW): gas: 30,500; oil: 29,000
1989 MWh generated: 19,954
1989 MWh purchased: 205,558
1989 MWh sold: 220,166
1989 revenues: $7,978,000
established 1936

Jackson, City of+ *
80 W. Ashley St.
Jackson, Minn. 56143
(507) 874-4410
Dean Albrecht, City Administrator
customers: 1,823
1989 MWh generated: 0
1989 MWh purchased: 31,454
1989 MWh sold: 30,558
1989 revenues: $1,529,000
established 1936

Janesville, City of*
219 N. Main St.
Janesville, Minn. 56048
(507) 234-5112
John Schmidt, Superintendent
customers: 895
nameplate capacity (kW): gas: 3,100
1989 MWh generated: 141
1989 MWh purchased: 8,148
1989 MWh sold: 7,427
1989 revenues: $434,000
established 1939

Kandiyohi, City of
Box 276
Kandiyohi, Minn. 56251
(612) 382-6110
M. W. Seiler, Clerk
customers: 245
1989 MWh generated: 0
1989 MWh purchased: 3,368
1989 MWh sold: 3,368
1989 revenues: $144,000

Kasota, City of
201 Webster St.
Kasota, Minn. 56050
(507) 931-3290
Rose Sickler, Clerk
customers: 315
1989 MWh generated: 0
1989 MWh purchased: 2,337
1989 MWh sold: 2,337
1989 revenues: $152,000

Kasson, City of
122 W. Main St.
Kasson, Minn. 55944
(507) 634-7302
Keith Houston, Superintendent
customers: 1,476
1989 MWh generated: 0
1989 MWh purchased: 15,972
1989 MWh sold: 14,124
1989 revenues: $851,000
established 1937

Keewatin Public Utilities Commission
City Hall, Box 190
Keewatin, Minn. 55753
(218) 778-6544
Richard Nyhus, Supervisor
customers: 590
1989 MWh generated: 0
1989 MWh purchased: 5,667
1989 MWh sold: 6,220
1989 revenues: $352,000
established 1927

Kenyon Municipal Utilities
713 Second St.
Kenyon, Minn. 55946
(507) 789-6573
Lorry Wille, Superintendent
customers: 798
1989 MWh generated: 0
1989 MWh purchased: 12,696
1989 MWh sold: 12,017
1989 revenues: $703,000
established 1932

Lake City, City of*
205 W. Center St.
Lake City, Minn. 55041
(612) 345-5383
Lynn Strombeck, Utilities Manager
customers: 2,484
1989 MWh generated: 0
1989 MWh purchased: 75,314
1989 MWh sold: 72,234
1989 revenues: $4,381,000
established 1907

Lake Crystal Municipal Power Plant
100 E. Robinson St.
Lake Crystal, Minn. 56055
(507) 726-2260
Al Sutherland, City Manager
customers: 974
nameplate capacity (kW): gas: 4,100
1989 MWh generated: 460
1989 MWh purchased: 11,276
1989 MWh sold: 11,736
1989 revenues: $727,000
established 1937

Lake Park Public Utilities+ *
Second St.
Lake Park, Minn. 56554
(218) 238-5337
George Mattson, Superintendent
customers: 416
1989 MWh generated: 0
1989 MWh purchased: 6,728
1989 MWh sold: 6,131
1989 revenues: $340,000
established 1927

Lakefield Public Utilities+ *
Box 1023
Lakefield, Minn. 56150
(507) 662-6363
Richard Thompson, Superintendent
customers: 899
nameplate capacity (kW): unavailable
1989 MWh generated: 87
1989 MWh purchased: 12,804
1989 MWh sold: 11,036
1989 revenues: $521,000
established 1900

Lanesboro Public Utility Commission
202 Parkway St.
Lanesboro, Minn. 55949
(507) 467-3722
Donald Wanger, Superintendent
customers: 569
nameplate capacity (kW): hydro: 300; oil: 1,700
1989 MWh generated: 75
1989 MWh purchased: 5,161
1989 MWh sold: 4,731
1989 revenues: $279,000
established 1902

Le Sueur, City of
228 N. Main St.
Le Sueur, Minn. 56058
(612) 665-3338

MINNESOTA *(continued)*

M. D. Hentges, Superintendent
customers: 1,906
nameplate capacity (kW): oil: 3,400
1989 MWh generated: 13
1989 MWh purchased: 63,163
1989 MWh sold: 60,891
1989 revenues: $3,402,000
established 1934

Litchfield Public Utility Commission+ *
421 E. Third St., Box 521
Litchfield, Minn. 55355
(612) 693-3277
Dallas E. Nelson, Superintendent
customers: 2,753
1989 MWh generated: 0
1989 MWh purchased: 88,660
1989 MWh sold: retail: 76,382
wholesale: 7,747
1989 revenues: retail: $2,412,000
wholesale: $237,000
established 1890

Luverne, City of+ *
609 E. Main St.
Luverne, Minn. 56156
(507) 283-2388
Steven L. Perkins, City Administrator
customers: 2,127
1989 MWh generated: 0
1989 MWh purchased: 54,100
1989 MWh sold: 46,382
1989 revenues: $1,868,000
established 1892

Mabel, City of
Box 425
Mabel, Minn. 55954
(507) 493-5299
Jimmy Narum, Clerk
customers: 470
1989 MWh generated: 0
1989 MWh purchased: 4,236
1989 MWh sold: 3,987
1989 revenues: $240,000
established 1905

Madelia Municipal Light & Power*
24 Abbott Ave.
Madelia, Minn. 56062
(507) 642-8803
Steve Moses, Manager
customers: 1,179
nameplate capacity (kW): gas: 8,900
1989 MWh generated: 157
1989 MWh purchased: 27,624
1989 MWh sold: 26,136
1989 revenues: $1,408,000
established 1939

Madison, City of+ *
109 Seventh Ave.
Madison, Minn. 56256
(612) 598-3239
Harold L. Hodge, Superintendent
customers: 1,051
nameplate capacity (kW): oil: 1,000
1989 MWh generated: 18,632
1989 MWh purchased: 0
1989 MWh sold: 16,825
1989 revenues: $715,000
established 1898

Marshall Municipal Utilities+ *
113 S. Fourth St.
Marshall, Minn. 56258
(507) 532-4451
Richard A. Voller, General Manager
customers: 5,886
nameplate capacity (kW): oil: 18,355
1989 MWh generated: 38
1989 MWh purchased: 229,872
1989 MWh sold: 224,001
1989 revenues: $7,744,000
established 1894

Melrose, City of+ *
225 E. First St. N.
Melrose, Minn. 56352
(612) 256-4278
Donald E. Salzmann, Superintendent of Public Works
customers: 1,236
1989 MWh generated: 0
1989 MWh purchased: 79,175
1989 MWh sold: 74,988
1989 revenues: $2,882,000
established 1905

Moorhead Public Service Department+ *
500 Center Ave., Box 779
Moorhead, Minn. 56561-0779
(218) 299-5400
Tom Heller, General Manager
customers: 12,278
1989 MWh generated: 0
1989 MWh purchased: 329,299
1989 MWh sold: 313,680
1989 revenues: $10,803,000
established 1895

Moose Lake Water & Light Commission
401 Fourth St.
Moose Lake, Minn. 55767
(218) 486-4100
William Wesley, Superintendent
customers: 813
nameplate capacity (kW): gas: 3,600
1989 MWh generated: 15
1989 MWh purchased: 14,600
1989 MWh sold: 14,055
1989 revenues: $918,000
established 1933

Mora Municipal Utilities*
117 S.E. Railroad Ave.
Mora, Minn. 55051
(612) 679-1511
Robert A. Filson, City Administrator
customers: 1,587
1989 MWh generated: 0
1989 MWh purchased: 54,000
1989 MWh sold: 52,000
1989 revenues: retail: $3,352,000
wholesale: $6,000
established 1934

Mountain Iron, City of*
City Hall, Box 505
Mountain Iron, Minn. 55768
(218) 735-8267
Richard F. Anderson, Superintendent of Public Works
customers: 711
1989 MWh generated: 0
1989 MWh purchased: 12,710
1989 MWh sold: 11,540
1989 revenues: $759,000
established 1919

Mountain Lake, City of+ *
1015 Second Ave.
Mountain Lake, Minn. 56159
(507) 427-2999
Harold Quiring, Head, Electric Department
customers: 1,073
nameplate capacity (kW): oil: 5,442
1989 MWh generated: 16,030
1989 MWh purchased: 0
1989 MWh sold: 16,030
1989 revenues: $920,000
established 1935

Nashwauk Public Utilities*
301 Central Ave.
Nashwauk, Minn. 55769
(218) 885-1210
Edward Bolf, Deputy Clerk
customers: 499
1989 MWh generated: 0
1989 MWh purchased: 5,672
1989 MWh sold: 4,860
1989 revenues: $335,000
established 1910

New Prague Municipal Utilities Commission*
300 E. Main St.
New Prague, Minn. 56071
(612) 758-4447
DeWayne Rubedor, Superintendent
customers: 1,580
nameplate capacity (kW): gas: 18,300
1989 MWh generated: 989
1989 MWh purchased: 46,718
1989 MWh sold: 45,645
1989 revenues: $3,439,000
established 1928

New Ulm Public Utilities Commission*
310 First North St.
New Ulm, Minn. 56073
(507) 359-8264
John R. Gilman, Superintendent
customers: 6,400
nameplate capacity (kW): coal: 21,000; oil: 24,000
1989 MWh generated: 88,745
1989 MWh purchased: 73,376
1989 MWh sold: 150,430
1989 revenues: $7,255,000
established 1902

Newfolden, City of
Box 188
Newfolden, Minn. 56738
(218) 874-3186
Marlin Lee, Superintendent
customers: 180
1989 MWh generated: 0
1989 MWh purchased: 3,634
1989 MWh sold: 3,322
1989 revenues: $157,000

Nielsville, City of
Box 68
Nielsville, Minn. 56568
(218) 946-3281
Darlene Ruthenberg, City Clerk
customers: 50
1989 MWh generated: 0
1989 MWh purchased: 848
1989 MWh sold: 785
1989 revenues: $41,000

North Branch, City of*
712 Maple St.
North Branch, Minn. 55056
(612) 674-7100
Bruce Walters, Superintendent
customers: 941
1989 MWh generated: 0
1989 MWh purchased: 13,568
1989 MWh sold: 12,304
1989 revenues: $983,000
established 1941

North Saint Paul, City of*
2526 E. Seventh Ave.
North Saint Paul, Minn. 55109
(612) 770-4488
Ronald Schuler, Director of Electric Utilities
customers: 5,633
1989 MWh generated: 0
1989 MWh purchased: 68,390
1989 MWh sold: 63,868
1989 revenues: $4,013,000
established 1898

Olivia, City of
1009 W. Lincoln Ave.
Olivia, Minn. 56277
(612) 523-2361
Robert E. Ewer, Superintendent
customers: 1,336
1989 MWh generated: 0
1989 MWh purchased: 29,183
1989 MWh sold: 25,342
1989 revenues: $857,000

Ortonville, City of+ *
315 Madison Ave.
Ortonville, Minn. 56278
(612) 839-3428
Art Hamann, Electrical Superintendent
customers: 1,304
1989 MWh generated: 0
1989 MWh purchased: 25,077
1989 MWh sold: 23,013
1989 revenues: $1,060,000
established 1905

Owatonna Public Utilities+ *
208 S. Walnut Ave., Box 800
Owatonna, Minn. 55060
(507) 451-2480
David M. Martin, General Manager
customers: 8,532
1989 MWh generated: 0
1989 MWh purchased: 209,647
1989 MWh sold: 202,847
1989 revenues: $13,035,000
established 1924

Peterson, City of
City Hall, Box 94
Peterson, Minn. 55962
(507) 875-2510
Paul Benson, Clerk/Treasurer
customers: 102
1989 MWh generated: 0
1989 MWh purchased: 1,388
1989 MWh sold: 1,158
1989 revenues: $86,000

Pierz Municipal Electric
Box 367
Pierz, Minn. 56364
(612) 468-6471
Jim Kummet, Electric Superintendent
customers: 530
1989 MWh generated: 0
1989 MWh purchased: 6,311
1989 MWh sold: 5,980
1989 revenues: $428,000

Preston Public Utilities Commission+ *
109 St. Paul Two S.W., Box 657
Preston, Minn. 55965
(507) 765-2153
Fred Nagle, Superintendent
customers: 811
nameplate capacity (kW): gas: 2,000; oil: 2,400
1989 MWh generated: 6
1989 MWh purchased:
from utilities: 12,156
from nonutilities: 2
1989 MWh sold: 11,539
1989 revenues: $967,000
established 1896

Princeton Public Utilities Commission+ *
First St. and Tenth Ave.
Princeton, Minn. 55371
(612) 389-2252
Harold Steppuhn, Manager
customers: 1,791
nameplate capacity (kW): oil: 7,600
1989 MWh generated: 112
1989 MWh purchased: 33,929
1989 MWh sold: 30,065
1989 revenues: $2,272,000
established 1938

Proctor Public Utilities Commission
200 Second St.
Proctor, Minn. 55810
(218) 624-4055
Daniel Hoffman, General Manager
customers: 1,400

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

1989 MWh generated: 0
1989 MWh purchased: 15,830
1989 MWh sold: 14,300
1989 revenues: $962,000
established 1941

Randall, City of
City Hall
Randall, Minn. 56475
(612) 749-2159
Larry Sharon, Clerk
customers: 270
1989 MWh generated: 0
1989 MWh purchased: 2,785
1989 MWh sold: 2,785
1989 revenues: $213,000

Redwood Falls Public Utilities Commission+ *
333 S. Washington St., Box 48
Redwood Falls, Minn. 56283
(507) 637-5789
Curtis G. Weber, Superintendent
customers: 2,486
nameplate capacity (kW): hydro: 500; oil: 9,300
1989 MWh generated: 1,500
1989 MWh purchased: 57,140
1989 MWh sold: retail: 55,510
wholesale: 1,030
1989 revenues: retail: $2,419,000
wholesale: $14,000
established 1946

Rochester Public Utilities+ *
4000 E. River Road N.E.
Rochester, Minn. 55906-2813
(507) 280-1540
Robert R. Paweiski, General Manager
customers: 31,099
nameplate capacity (kW): coal: 99,000; hydro: 2,600; oil: 35,000
1989 MWh generated: 224,496
1989 MWh purchased: 612,678
1989 MWh sold: 798,566
1989 revenues: $51,110,000
established 1894

Roseau, City of
100 Second Ave., Box 307
Roseau, Minn. 56751
(218) 463-1542
Leland Lunos, City Clerk
customers: 1,162
nameplate capacity (kW): oil: 3,100
1989 MWh generated: 23
1989 MWh purchased: 32,774
1989 MWh sold: 29,810
1989 revenues: $1,372,000

Round Lake, City of
98 Main St.
Round Lake, Minn. 56167
(507) 945-8127
Gary Jergensen, Superintendent
customers: 250
1989 MWh generated: 0
1989 MWh purchased: 7,597
1989 MWh sold: 6,979
1989 revenues: $449,000

Rushford, City of
405 S. Elm St., Box 430
Rushford, Minn. 55971
(507) 864-2444
Robert A. Museus, Clerk/Administrator
customers: 750
1989 MWh generated: 0
1989 MWh purchased: 12,651
1989 MWh sold: 10,588
1989 revenues: $631,000
established 1901

Rushmore, City of
Box 227
Rushmore, Minn. 56168
(507) 478-4338
Lori Gruis, City Clerk
customers: 215
1989 MWh generated: 0
1989 MWh purchased: 2,029
1989 MWh sold: 1,890
1989 revenues: $137,000

St. Charles, City of
1242 Whitewater Ave.
St. Charles, Minn. 55972
(507) 932-3020
Gus Ihrke, Superintendent
customers: 1,206
1989 MWh generated: 0
1989 MWh purchased: 21,150
1989 MWh sold: 20,244
1989 revenues: $1,144,000

St. James, City of+ *
124 Armstrong Blvd. S., Box 70
St. James, Minn. 56081
(507) 375-3241
Roy Trullinger, City Clerk-Treasurer
customers: 2,870
1989 MWh generated: 0
1989 MWh purchased: 54,400
1989 MWh sold: 46,000
1989 revenues: $1,831,000

St. Peter Municipal Utilities*
227 S. Front St.
St. Peter, Minn. 56082
(507) 931-4840
Lewis G. Giesking, Director of Public Works
customers: 3,247
1989 MWh generated: 0
1989 MWh purchased: 64,156
1989 MWh sold: 59,403
1989 revenues: $4,946,000
established 1891

Sauk Centre Water, Light & Power Commission+ *
101 Main St. S.
Sauk Centre, Minn. 56378
(612) 352-6538
Robert G. Essler, Superintendent
customers: 1,792
1989 MWh generated: 0
1989 MWh purchased: 41,844
1989 MWh sold: 37,866
1989 revenues: $1,481,000
established 1916

Shakopee Public Utilities Commission*
1030 E. Fourth Ave.
Shakopee, Minn. 55379
(612) 445-1988
Lou Van Hout, Utilities Manager
customers: 4,953
1989 MWh generated: 0
1989 MWh purchased: 109,622
1989 MWh sold: 105,008
1989 revenues: $5,344,000
established 1900

Shelly, City of
Box 126
Shelly, Minn. 56581
(218) 886-8895
Chester Mauritson, Mayor
customers: 141
1989 MWh generated: 0
1989 MWh purchased: 2,500
1989 MWh sold: 2,100
1989 revenues: $103,000

Sleepy Eye Public Utility Commission*
130 Second Ave. N.W.
Sleepy Eye, Minn. 56085
(507) 794-4371
David Logue, Superintendent
customers: 1,794
nameplate capacity (kW): coal: 2,000; oil: 2,100
1989 MWh generated: 3,327
1989 MWh purchased: 31,840
1989 MWh sold: 32,726
1989 revenues: $1,739,000
established 1895

Spring Grove, City of
118 First Ave.
Spring Grove, Minn. 55974
(507) 498-5221
Robert Hillman, Clerk Administrator
customers: 701
1989 MWh generated: 0
1989 MWh purchased: 14,950
1989 MWh sold: 11,410
1989 revenues: $698,000

Spring Valley Public Utilities Commission+ *
104 S. Section Ave.
Spring Valley, Minn. 55975
(507) 346-7622
Ted Loucks, Superintendent
customers: 1,356
nameplate capacity (kW): oil: 3,900
1989 MWh generated: 367
1989 MWh purchased: 16,298
1989 MWh sold: 15,001
1989 revenues: $1,264,000
established 1935

Springfield Public Utilities Commission
14 N. Marshall Ave.
Springfield, Minn. 56087
(507) 723-5290
Menno Mennenga, Superintendent
customers: 2,350
1989 MWh generated: 0
1989 MWh purchased: 21,653
1989 MWh sold: 21,629
1989 revenues: $1,230,000
established 1894

Staples, City of+ *
611 Iowa Ave. N.
Staples, Minn. 56479
(218) 894-2550
Gerald Brever, City Administrator
customers: 1,474
1989 MWh generated: 0
1989 MWh purchased: 22,000
1989 MWh sold: 21,215
1989 revenues: $1,139,000

Stephen, City of
Box 630
Stephen, Minn. 56757
(218) 478-3803
Leonard Bazey, Superintendent
customers: 421
1989 MWh generated: 0
1989 MWh purchased: 10,911
1989 MWh sold: 10,215
1989 revenues: $511,000
established 1910

Thief River Falls, City of+ *
803 S. Barzen Ave., Box 528
Thief River Falls, Minn. 56701
(218) 681-5816
Arlo L. Rude, Director of Utilities
customers: 3,799
nameplate capacity (kW): hydro: 600; oil: 5,900
1989 MWh generated: 664
1989 MWh purchased: 100,529
1989 MWh sold: 98,333
1989 revenues: $4,049,000
established 1901

Truman Public Utilities+ *
Box 147
Truman, Minn. 56088
(507) 776-6501
Robert H. Grefe, Superintendent
customers: 712
nameplate capacity (kW): oil: 4,200
1989 MWh generated: 44
1989 MWh purchased: 10,628
1989 MWh sold: 9,793
1989 revenues: $585,000
established 1938

Two Harbors, City of
610 Second Ave.
Two Harbors, Minn. 55616
(218) 834-5631
Robert Sellman, Superintendent
customers: 2,130
1989 MWh generated: 0
1989 MWh purchased: 16,537
1989 MWh sold: 15,033
1989 revenues: $1,162,000
established 1909

Tyler, City of+ *
Box 398
Tyler, Minn. 56178
(507) 247-5556
Al Jorgensen, Clerk
customers: 600
1989 MWh generated: 0
1989 MWh purchased: 12,290
1989 MWh sold: 10,652
1989 revenues: $505,000

Virginia, City of
620 Second St. S., Box 1048
Virginia, Minn. 55792
(218) 741-0740
James Mahon, General Manager
customers: 5,715
nameplate capacity (kW): coal: 36,000
1989 MWh generated: 65,537
1989 MWh purchased: 28,414
1989 MWh sold: 83,863
1989 revenues: $5,701,000
established 1913

Wadena, City of+ *
104 N. Jefferson
Wadena, Minn. 56482
(218) 631-1813
Curt Punt, Superintendent
customers: 2,392
1989 MWh generated: 0
1989 MWh purchased: 53,219
1989 MWh sold: 49,288
1989 revenues: $1,847,000
established 1897

Warren, City of
126 W. Johnson Ave.
Warren, Minn. 56762
(218) 745-5343
Ralph Plencner, Superintendent
customers: 818
nameplate capacity (kW): oil: 2,200
1989 MWh generated: 4
1989 MWh purchased: 20,006
1989 MWh sold: 16,644
1989 revenues: $850,000
established 1902

Warroad, City of
Box 50
Warroad, Minn. 56763
(218) 386-1873
Darrel Anderson, Superintendent
customers: 817
1989 MWh generated: 0
1989 MWh purchased: 37,000
1989 MWh sold: 35,000
1989 revenues: $1,420,000

Waseca, City of*
508 S. State St.
Waseca, Minn. 56093
(507) 835-3890
Duane Brase, Utility Superintendent
customers: 3,927
1989 MWh generated: 0
1989 MWh purchased: 56,162
1989 MWh sold: 52,444
1989 revenues: $3,920,000
established 1894

Wells Public Utilities+ *
101 First St. S.E.

MINNESOTA *(continued)*

Wells, Minn. 56097
(507) 553-3119
Ray Wigern, Superintendent
customers: 1,373
nameplate capacity (kW): oil: 8,300
1989 MWh generated: 23,079
1989 MWh purchased: 0
1989 MWh sold: 20,841
1989 revenues: $1,627,000
established 1894

Westbrook Municipal Light & Power+ *
Box 296
Westbrook, Minn. 56183
(507) 274-6712
Dennis Jutting, Superintendent
customers: 524
1989 MWh generated: 0
1989 MWh purchased: 8,000
1989 MWh sold: 8,000
1989 revenues: $369,000
established 1938

Whalan, Town of
Box 35
Whalan, Minn. 55986
(507) 467-2326
Adeline Larson, Clerk, Treasurer
customers: 54
1989 MWh generated: 0
1989 MWh purchased: 382
1989 MWh sold: 321
1989 revenues: $24,000

Willmar Municipal Utilities Commission*
700 Litchfield Ave., S.W., Box 937
Willmar, Minn. 56201
(612) 235-4422
C. Ted Nelson, General Manager
customers: 7,745
nameplate capacity (kW): coal: 30,000
1989 MWh generated: 43,828
1989 MWh purchased: 135,013
1989 MWh sold: 166,949
1989 revenues: $9,247,000
established 1895

Windom, City of+ *
444 Ninth St.
Windom, Minn. 56101
(507) 831-1539
Dennis Purrington, Superintendent
customers: 2,221
nameplate capacity (kW): oil: 3,000
1989 MWh generated: 9
1989 MWh purchased: 45,229
1989 MWh sold: 43,958
1989 revenues: $1,611,000
established 1895

Winthrop, City of
305 N. Main St., Box Y
Winthrop, Minn. 55396
(507) 647-5306
Dennis D. Kruggel, Superintendent
customers: 748
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 14,774
1989 MWh sold: 12,854
1989 revenues: $775,000
established 1925

Worthington Public Utilities+ *
823 Third Ave., Box 458
Worthington, Minn. 56187
(507) 372-8680
Donald E. Habicht, General Manager
customers: 4,789
1989 MWh generated: 0
1989 MWh purchased: 127,141
1989 MWh sold: retail: 105,340
  wholesale: 5,347
1989 revenues: retail: $6,093,000
  wholesale: $266,000
established 1895

Mississippi

(Systems designated (TVA) are distributors of Tennessee Valley Authority power and purchase all of their power from TVA.)

Aberdeen Electric Department
Box 817
Aberdeen, Miss. 39730
(601) 369-4731
R. T. Byars, General Manager
customers: 3,472
1989 MWh generated: 0
1989 MWh purchased: 153,865 (TVA)
1989 MWh sold: 147,986
1989 revenues: $7,674,000
established 1939

Amory, City of
Box 266
Amory, Miss. 38821
(601) 256-5633
Lee Miller, Manager
customers: 3,809
1989 MWh generated: 0
1989 MWh purchased: 124,000 (TVA)
1989 MWh sold: 114,000
1989 revenues: $6,782,000
established 1934

Canton Municipal Utilities+ *
226 E. Peace St., Box 114
Canton, Miss. 39046
(601) 859-2921
John Wallace, General Manager
customers: 4,819
1989 MWh generated: 0
1989 MWh purchased: 95,455
1989 MWh sold: 82,322
1989 revenues: $4,970,000
established 1896

Clarksdale Public Utilities*
Box 940
Clarksdale, Miss. 38614
(601) 627-8403
Marvin Carraway, General Manager
customers: 7,869
nameplate capacity (kW): gas: 61,600
1989 MWh generated: 31,615
1989 MWh purchased: 177,000
1989 MWh sold: 174,788
1989 revenues: $10,230,000
established 1900

Collins, City of
Box 400
Collins, Miss. 39428
(601) 765-4491
Jimmy D. Harvey, Supervisor
customers: 1,133
1989 MWh generated: 0
1989 MWh purchased: 23,573
1989 MWh sold: 22,484
1989 revenues: $1,341,000

Columbus Light & Water Department+ *
Box 949
Columbus, Miss. 39701
(601) 328-7192
Sam Head, General Manager
customers: 11,457
1989 MWh generated: 0
1989 MWh purchased: 409,048 (TVA)
1989 MWh sold: 390,320
1989 revenues: $20,918,000
established 1939

Durant, City of
106 W. Mulberry St.
Durant, Miss. 39063
(601) 653-3221
R. C. Umphers, Superintendent
customers: 1,158
1989 MWh generated: 0
1989 MWh purchased: 18,910
1989 MWh sold: 17,422
1989 revenues: $1,222,000
established 1930

Greenwood Utilities Commission*
101 Wright Place, Box 866
Greenwood, Miss. 38930
(601) 453-7234
Clyde W. Farrell, Manager
customers: 10,021
nameplate capacity (kW): coal: 40,200; gas: 24,800
1989 MWh generated: 42,157
1989 MWh purchased: 209,452
1989 MWh sold: 223,246
1989 revenues: $14,211,000
established 1904

Holly Springs Electric Department
Highway 4 E., Box 520
Holly Springs, Miss. 38635
(601) 252-4411
Tom Boone, General Manager
customers: 9,124
1989 MWh generated: 0
1989 MWh purchased: 104,688 (TVA)
1989 MWh sold: 94,471
1989 revenues: $5,460,000
established 1890

Itta Bena, City of
Box 563
Itta Bena, Miss. 38941
(601) 254-7231
James Peeples, Superintendent
customers: 1,168
1989 MWh generated: 0
1989 MWh purchased: 12,504
1989 MWh sold: 10,702
1989 revenues: $858,000

Kosciusko, City of*
204 W. Jefferson St.
Kosciusko, Miss. 39090
(601) 289-1141
Charles E. Burchfield, Superintendent
customers: 3,211
1989 MWh generated: 0
1989 MWh purchased: 57,060
1989 MWh sold: 48,750
1989 revenues: $3,696,000
established 1919

Leland, City of*
101 Deer Creek Drive
Leland, Miss. 38756
(601) 686-7623
Joe Melton, Superintendent
customers: 2,501
1989 MWh generated: 0
1989 MWh purchased: 30,302
1989 MWh sold: 27,751
1989 revenues: $2,108,000

Louisville Utilities
118 South Columbus Ave., Box 849
Louisville, Miss. 39339
(601) 773-7147
Tommy Lee Kirkpatrick, Manager
customers: 3,438
1989 MWh generated: 0
1989 MWh purchased: 148,839 (TVA)
1989 MWh sold: 142,022
1989 revenues: $7,711,000
established 1939

Macon Electric Department
105 W. Pulaski St., Box 146
Macon, Miss. 39341
(601) 726-5251
Richard Schimmel, Superintendent
customers: 1,286
1989 MWh generated: 0
1989 MWh purchased: 21,132 (TVA)
1989 MWh sold: 20,488
1989 revenues: $1,313,000
established 1927

New Albany Electric Department*
100 Cleveland St., Box 236
New Albany, Miss. 38652
(406) 534-1041
Harold G. Smith, Manager
customers: 8,704
1989 MWh generated: 0
1989 MWh purchased: 211,376 (TVA)
1989 MWh sold: 189,111
1989 revenues: $11,242,000
established 1934

Okolona, City of
Box 111
Okolona, Miss. 38860
(601) 447-5482
Jerry Franklin, Manager
customers: 4,472
1989 MWh generated: 0
1989 MWh purchased: 79,129 (TVA)
1989 MWh sold: 70,923
1989 revenues: $4,441,000
established 1935

Oxford Electric Department*
901 Jackson Ave., Box 827
Oxford, Miss. 38655
(601) 236-1310
Lloyd H. McClendon, Superintendent
customers: 5,145
1989 MWh generated: 0
1989 MWh purchased: 130,245 (TVA)
1989 MWh sold: 123,996
1989 revenues: $6,626,000
established 1896

Philadelphia Utilities
435 E. Myrtle St., Box 88
Philadelphia, Miss. 39350
(601) 656-1121
John Burt, Manager
customers: 4,059
1989 MWh generated: 0
1989 MWh purchased: 113,965 (TVA)
1989 MWh sold: 109,288
1989 revenues: $6,287,000
established 1939

Starkville Electric System
Box 927
Starkville, Miss. 39759
(601) 323-3272
Clay Campbell, General Manager
customers: 8,424
1989 MWh generated: 0
1989 MWh purchased: 299,194 (TVA)
1989 MWh sold: 283,582
1989 revenues: $15,733,000
established 1939

Tupelo Water & Light Department
Box 588
Tupelo, Miss. 38801
(601) 842-6460
Charles F. Hutchison, Manager
customers: 13,466
1989 MWh generated: 0
1989 MWh purchased: 559,857 (TVA)
1989 MWh sold: 536,252
1989 revenues: $28,978,000
established 1900

Water Valley, City of
Box 231
Water Valley, Miss. 38965
(601) 473-3326
Roy Stevens, Manager
customers: 1,933
1989 MWh generated: 0
1989 MWh purchased: 68,000 (TVA)
1989 MWh sold: 64,000
1989 revenues: $3,703,000

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* Member, American Public Power Association
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established 1938

West Point Electric System
331 Washington St.
West Point, Miss. 39773
(601) 494-2262
Dewell Brasher, Superintendent
customers: 3,947
1989 MWh generated: 0
1989 MWh purchased: 172,031 (TVA)
1989 MWh sold: 166,905
1989 revenues: $9,338,000
established 1958

Yazoo City Public Service Commission*
125 W. Commercial St., Box 660
Yazoo City, Miss. 39194
(601) 746-3741
Robert D. Priest, Manager
customers: 6,083
nameplate capacity (kW): gas: 29,000
1989 MWh generated: 2,121
1989 MWh purchased: 94,406
1989 MWh sold: retail: 86,213
wholesale: 2,708
1989 revenues: retail: $5,584,000
wholesale: $411,000
established 1903

Missouri

Albany, City of
106 E. Clay St.
Albany, Mo. 64402
(816) 726-3935
Phil Lammers, City Administrator
customers: 1,063
nameplate capacity (kW): oil: 6,600
1989 MWh generated: 77
1989 MWh purchased: 15,262
1989 MWh sold: 12,790
1989 revenues: $695,000

Bethany, City of
218 W. 16th St., Box 344
Bethany, Mo. 64424
(816) 425-3511
Larry D. Sanders, Superintendent
customers: 1,768
nameplate capacity (kW): oil: 8,500
1989 MWh generated: 636
1989 MWh purchased: 26,392
1989 MWh sold: 23,302
1989 revenues: $1,396,000

Butler, City of
101 N. Lyons St.
Butler, Mo. 64730
(816) 679-4182
Loren Appleberry, Electric Superintendent
customers: 2,133
nameplate capacity (kW): oil: 6,100
1989 MWh generated: 1,231
1989 MWh purchased: 25,065
1989 MWh sold: 20,352
1989 revenues: $1,804,000
established 1881

Cabool, City of
618 Main St.
Cabool, Mo. 65689
(417) 962-3136
Mike MacPherson, City Administrator
customers: 964
1989 MWh generated: 0
1989 MWh purchased: 30,024
1989 MWh sold: 26,224
1989 revenues: $1,694,000
established 1948

California, City of
Highway 50 W.
California, Mo. 65018
(314) 796-4591
Gary O. Wells, Superintendent
customers: 1,845
1989 MWh generated: 0
1989 MWh purchased: 26,599
1989 MWh sold: 21,142
1989 revenues: $1,580,000
established 1936

Cameron, City of
205-209 N. Main St.
Cameron, Mo. 64429
(816) 632-2177
Willard Peterson, Superintendent
customers: 2,365
1989 MWh generated: 0
1989 MWh purchased: 36,098
1989 MWh sold: 28,972
1989 revenues: $2,279,000
established 1924

Campbell, City of
202 W. Grand St.
Campbell, Mo. 63933
(314) 246-2541
Randall Baker, City Clerk
customers: 1,086
nameplate capacity (kW): oil: 5,000
1989 MWh generated: 156
1989 MWh purchased: 15,258
1989 MWh sold: 13,272
1989 revenues: $933,000

Carrollton Municipal Utilities*
707 S. Main St., Box 460
Carrollton, Mo. 64633
(816) 542-0360
Lowell L. Anderson, Superintendent
customers: 2,383
nameplate capacity (kW): gas: 21,500; oil: 800
1989 MWh generated: 1,119
1989 MWh purchased: 34,053
1989 MWh sold: 27,934
1989 revenues: $1,656,000
established 1941

Carthage Water and Electric Plant*
149 E. Third St., Drawer 611
Carthage, Mo. 64836
(417) 358-5904
Wayne Weber, Superintendent
customers: 6,351
1989 MWh generated: 0
1989 MWh purchased: 161,171
1989 MWh sold: retail: 153,443
wholesale: 3,635
1989 revenues: retail: $7,207,000
wholesale: $201,000
established 1898

Centralia, City of
114 S. Rollins St.
Centralia, Mo. 65240
(314) 682-2139
Lynn P. Behrns, City Administrator
customers: 1,741
1989 MWh generated: 0
1989 MWh purchased: 21,000
1989 MWh sold: 21,000
1989 revenues: $1,334,000
established 1916

Chillicothe, City of*
715 Washington St., Box 140
Chillicothe, Mo. 64601-0140
(816) 646-1664
Ray Blakely, General Manager
customers: 4,551
nameplate capacity (kW): coal: 51,000; gas: 80,000
1989 MWh generated: 17,199
1989 MWh purchased: 77,827
1989 MWh sold: 83,600
1989 revenues: $5,996,000
established 1911

Clarksville, City of
111 Howard St., Box 528
Clarksville, Mo. 63336
(314) 242-3553
D. Kent Taylor, Superintendent
customers: 368
1989 MWh generated: 0
1989 MWh purchased: 3,582
1989 MWh sold: 3,211
1989 revenues: $305,000
established 1939

Columbia Water & Light+ *
701 E. Broadway, Box N
Columbia, Mo. 65205
(314) 874-7325
Richard E. Malon, Director
customers: 26,036
nameplate capacity (kW): coal: 38,500; gas: 47,500
1989 MWh generated: 44,308
1989 MWh purchased: 589,432
1989 MWh sold: 593,134
1989 revenues: $39,769,000
established 1904

Crane, City of
120 N. Commerce St., Box 17
Crane, Mo. 65633
(417) 723-5990
Jack Swearingen, Director of Public Works
customers: 636
1989 MWh generated: 0
1989 MWh purchased: 11,900
1989 MWh sold: 9,277
1989 revenues: $689,000
established 1963

Cuba, City of
202 N. Smith St.
Cuba, Mo. 65453
(314) 885-7432
Paul D. Dickens, Superintendent
customers: 1,432
1989 MWh generated: 0
1989 MWh purchased: 35,655
1989 MWh sold: 32,000
1989 revenues: $2,197,000

Easton, City of
104 N. Woodward, Box 75
Easton, Mo. 64443
(816) 473-4571
Tammy Smith, Clerk
customers: 95
1989 MWh generated: 0
1989 MWh purchased: 1,381
1989 MWh sold: 1,206
1989 revenues: $83,000

El Dorado Springs, City of
127 West Spring St.
El Dorado Springs, Mo. 64744
(417) 876-2521
Clay Sanders, Utilities Director
customers: 1,949
1989 MWh generated: 0
1989 MWh purchased: 34,417
1989 MWh sold: 29,867
1989 revenues: $1,937,000
established 1939

Farmington, City of*
110 W. Columbia St.
Farmington, Mo. 63640
(314) 756-2620
R. W. Sheppard, Superintendent
customers: 4,149
1989 MWh generated: 0
1989 MWh purchased: 91,892
1989 MWh sold: 89,948
1989 revenues: $5,995,000
established 1900

Fayette, City of
117 S. Main St.
Fayette, Mo. 65248
(816) 248-5246
Bobby Gerlt, Superintendent
customers: 1,177
nameplate capacity (kW): oil: 9,500
1989 MWh generated: 412
1989 MWh purchased: 16,335
1989 MWh sold: 14,508
1989 revenues: $1,375,000
established 1932

Fredericktown City Light & Power*
120 W. Main St.
Fredericktown, Mo. 63645
(314) 783-3475
Robert D. Smith, Manager
customers: 2,046
1989 MWh generated: 0
1989 MWh purchased: 36,153
1989 MWh sold: 35,074
1989 revenues: $2,228,000
established 1948

Fulton, City of*
Fourth and Market St.
Fulton, Mo. 65251
(314) 642-6655
Joel Mahnken, Superintendent
customers: 4,444
nameplate capacity (kW): gas: 32,800
1989 MWh generated: 754
1989 MWh purchased: 105,912
1989 MWh sold: retail: 96,568
wholesale: 36
1989 revenues: retail: $6,700,000
wholesale: $14,000
established 1895

Gallatin, City of
112 E. Grand
Gallatin, Mo. 64640
(816) 663-3331
Superintendent
customers: 1,025
nameplate capacity (kW): oil: 6,500
1989 MWh generated: 225
1989 MWh purchased: 17,055
1989 MWh sold: 14,049
1989 revenues: $922,000
established 1912

Galt, City of
Box 86
Galt, Mo. 64641
(816) 673-6514
Robert Allen, Superintendent
customers: 175
1989 MWh generated: 0
1989 MWh purchased: 2,629
1989 MWh sold: 2,314
1989 revenues: $142,000

Gilman City, City of
Gilman City, Mo. 64642
(816) 876-5230
Larry Hyre, Superintendent
customers: 235
1989 MWh generated: 0
1989 MWh purchased: 1,805
1989 MWh sold: 1,550
1989 revenues: $125,000

Hannibal, City of*
City Hall, 324 Broadway
Hannibal, Mo. 63401
(314) 221-8050
Owen Ransdell, Superintendent
customers: 8,524
1989 MWh generated: 0
1989 MWh purchased: 172,188
1989 MWh sold: 157,556
1989 revenues: $9,882,000
established 1886

Harrisonville, City of
300 E. Pearl St., Box 367
Harrisonville, Mo. 64701
(816) 884-3285
Damon Bartles, City Administrator
customers: 3,178
1989 MWh generated: 0
1989 MWh purchased: 60,253
1989 MWh sold: 57,472
1989 revenues: $2,932,000

established 1929

Hermann, City of*
207 Schiller St.
Hermann, Mo. 65041
(314) 486-5400
Michael Hill, Light & Power
Superintendent
customers: 1,502
1989 MWh generated: 0
1989 MWh purchased: 36,493
1989 MWh sold: 29,818
1989 revenues: $1,779,000
established 1953

Higginsville, City of*
1922 Main St.
Higginsville, Mo. 64037
(816) 584-2106
David I. Blanchard, City Administrator
customers: 2,217
nameplate capacity (kW): oil: 4,900
1989 MWh generated: 1,164
1989 MWh purchased: 41,475
1989 MWh sold: 38,390
1989 revenues: $2,797,000
established 1904

Houston, City of
111 W. Main St.
Houston, Mo. 65483
(417) 967-3187
Stan Kasiske, Administrator
customers: 1,174
1989 MWh generated: 0
1989 MWh purchased: 25,800
1989 MWh sold: 22,200
1989 revenues: $1,539,000
established 1951

Hunnewell, City of
108 W. Maple, Box 87
Hunnewell, Mo. 63443
(314) 983-2264
Burt Hooper, Mayor
customers: 117
1989 MWh generated: 0
1989 MWh purchased: 901
1989 MWh sold: 758
1989 revenues: $66,000
established 1915

Independence, City of*
21500 E. Truman Road
Independence, Mo. 64050
(816) 796-4400
James Harder, Utility Director
customers: 48,179
nameplate capacity (kW): coal:
148,200; gas: 80,600; oil: 96,900
1989 MWh generated: 75,512
1989 MWh purchased: 732,689
1989 MWh sold: retail: 738,356
wholesale: 12,454
1989 revenues: retail: $53,060,000
wholesale: $940,000
established 1901

Jackson, City of*
225 S. High St.
Jackson, Mo. 63755
(314) 243-3536
Carl L. Talley, City Administrator
customers: 4,283
nameplate capacity (kW): oil: 22,300
1989 MWh generated: 1,283
1989 MWh purchased: 84,826
1989 MWh sold: 78,108
1989 revenues: $5,106,000
established 1905

Kahoka, City of
275 N. Washington St.
Kahoka, Mo. 63445
(816) 727-2512
Gary L. Noble, City Superintendent
customers: 1,130
nameplate capacity (kW): gas: 3,300;
oil: 1,000
1989 MWh generated: 2,252
1989 MWh purchased: 12,449
1989 MWh sold: 13,662
1989 revenues: retail: $869,000
wholesale: $16,000

Kennett, City of*
200 Kennett St.
Kennett, Mo. 63857
(314) 888-2835
Larry V. Jones, Superintendent
customers: 5,330
1989 MWh generated: 0
1989 MWh purchased: 134,105
1989 MWh sold: 127,119
1989 revenues: $4,553,000
established 1942

Kirkwood, City of*
212 S. Taylor Ave
Kirkwood, Mo. 63122
(314) 822-5842
Robert Morse, Superintendent
customers: 9,998
1989 MWh generated: 0
1989 MWh purchased: 170,537
1989 MWh sold: 160,468
1989 revenues: $11,107,000
established 1900

La Plata, City of
101 S. Gex St.
La Plata, Mo. 63549
(816) 332-7212
Richard Crawford, Superintendent
customers: 701
nameplate capacity (kW): oil: 1,800
1989 MWh generated: 48
1989 MWh purchased: 21,005
1989 MWh sold: 20,062
1989 revenues: $1,153,000
established 1938

Lamar, City of*
1104 Broadway St.
Lamar, Mo. 64759
(417) 682-5554
J. A. Roberts, City Administrator
customers: 2,233
1989 MWh generated: 0
1989 MWh purchased: 55,000
1989 MWh sold: 52,000
1989 revenues: $2,127,000
established 1900

Lebanon, City of
400 S. Madison St.
Lebanon, Mo. 65536
(417) 532-2156
Bill Lawson, Superintendent
customers: 4,455
1989 MWh generated: 0
1989 MWh purchased: 147,000
1989 MWh sold: 123,857
1989 revenues: $7,087,000

Liberal, City of
Box 67
Liberal, Mo. 64762
(417) 843-2135
Clifford Hoover, City Administrator
customers: 389
1989 MWh generated: 0
1989 MWh purchased: 4,162
1989 MWh sold: 2,839
1989 revenues: $224,000
established 1935

Linneus, City of
Box 144
Linneus, Mo. 64653
(816) 895-5583
Danny Truitt, Superintendent
customers: 208
1989 MWh generated: 0
1989 MWh purchased: 1,962
1989 MWh sold: 1,962
1989 revenues: $134,000

Lockwood Water & Light Co.
107 E. Eighth St., Box O
Lockwood, Mo. 65682
(417) 232-4221
Hubert Litle, City Superintendent
customers: 582
1989 MWh generated: 0
1989 MWh purchased: 8,512
1989 MWh sold: 7,282
1989 revenues: $451,000

Macon Municipal Utilities+ *
121-123 W. Bourke St., Box 569
Macon, Mo. 63552
(816) 385-3173
C. R. Bashford, Superintendent
customers: 2,722
nameplate capacity (kW): oil: 12,800
1989 MWh generated: 449
1989 MWh purchased:
from nonutilities: 69,726
1989 MWh sold: 66,368
1989 revenues: $3,447,000
established 1890

Malden Board of Public Works+ *
111 E. Laclede St.
Malden, Mo. 63863-2296
(314) 276-2238
Joe Russell, General Superintendent
customers: 2,591
nameplate capacity (kW): gas: 14,000
1989 MWh generated: 1,311
1989 MWh purchased:
from utilities: 49,274
from nonutilities: 12,616
1989 MWh sold: 51,516
1989 revenues: $2,992,000
established 1896

Mansfield, City of
City Hall
Mansfield, Mo. 65704
(417) 924-3719
Kenneth Cowell, City Superintendent
customers: 677
1989 MWh generated: 0
1989 MWh purchased: 23,467
1989 MWh sold: 23,105
1989 revenues: $1,412,000
established 1963

Marceline Municipal Utilities
116 N. Kansas Ave.
Marceline, Mo. 64658
(816) 376-3528
Lanny Holt, Superintendent
customers: 1,385
nameplate capacity (kW): unavailable
1989 MWh generated: 453
1989 MWh purchased: 25,147
1989 MWh sold: 24,469
1989 revenues: $1,737,000

Marshall Municipal Utilities*
75 E. Morgan St.
Marshall, Mo. 65340
(816) 886-6966
Paul E. Jensen, General Manager
customers: 5,718
nameplate capacity (kW): coal:
26,500; oil: 24,500
1989 MWh generated: 54,863
1989 MWh purchased: 97,857
1989 MWh sold: 147,165
1989 revenues: $9,287,000
established 1920

Meadville, City of
Box 122
Meadville, Mo. 64659
(816) 938-4414
Bobby J. Holcer, Clerk
customers: 260
1989 MWh generated: 0
1989 MWh purchased: 2,000
1989 MWh sold: 2,000
1989 revenues: $173,000

Memphis, City of*
135 S. Main St.
Memphis, Mo. 63555
(816) 465-2003
Paul C. Luscombe, Superintendent
customers: 1,333
nameplate capacity (kW): gas: 3,500;
oil: 4,700
1989 MWh generated: 250
1989 MWh purchased: 14,881
1989 MWh sold: 14,881
1989 revenues: $1,052,000
established 1919

Milan, City of
201 N. Market St.
Milan, Mo. 63556
(816) 265-4411
Edward Sayre, Superintendent
customers: 955
1989 MWh generated: 0
1989 MWh purchased: 22,158
1989 MWh sold: 21,278
1989 revenues: $1,040,000

Mindenmines, City of
508 N. Main St., Box 115
Mindenmines, Mo. 64769
(417) 842-3216
John Waring, Superintendent
customers: 158
1989 MWh generated: 0
1989 MWh purchased: 1,673
1989 MWh sold: 1,414
1989 revenues: $108,000
established 1922

Monett, City of*
217 Fifth St., Box 110
Monett, Mo. 65708
(417) 235-3300
Lessley Shelton, Superintendent
customers: 3,780
1989 MWh generated: 0
1989 MWh purchased: 128,428
1989 MWh sold: 122,536
1989 revenues: $6,239,000
established 1893

Monroe City, City of
300 N. Main St., Box 67
Monroe City, Mo. 63456
(314) 735-4441
Art Buckwalter, Superintendent
customers: 1,341
nameplate capacity (kW): gas: 6,700;
oil: 8,900
1989 MWh generated: 1,231
1989 MWh purchased: 46,540
1989 MWh sold: 45,877
1989 revenues: $2,010,000
established 1902

Mount Vernon, City of
319 E. Dallas, Box 70
Mount Vernon, Mo. 65712
(417) 466-2122
Jack Swearingen, General Superintendent
customers: 1,743
1989 MWh generated: 0
1989 MWh purchased: 41,000
1989 MWh sold: 35,000
1989 revenues: $1,621,000
established 1938

Mountain View, City of
149 E. 2nd St., Box 115
Mountain View, Mo. 65548
(417) 934-2601
Robert Young, City Administrator
customers: 1,083
1989 MWh generated: 0

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1989 MWh purchased: 26,390
1989 MWh sold: 23,979
1989 revenues: $1,467,000

New Madrid, City of*
560 Mott St., Box 96
New Madrid, Mo. 63869
(314) 748-2458
Donald G. Lloyd, City Administrator
customers: 1,594
1989 MWh generated: 0
1989 MWh purchased: 41,982
1989 MWh sold: 35,927
1989 revenues: $1,305,000
established 1938

Newburg, City of
Second & Main Sts.
Newburg, Mo. 65550
(314) 762-2315
Barbara Macormic, Clerk
customers: 354
1989 MWh generated: 0
1989 MWh purchased: 3,997
1989 MWh sold: 3,634
1989 revenues: $220,000

Nixa, City of:
715 W. Mount Vernon
Nixa, Mo. 65714
(417) 725-3785
Jan M. Blase, Administrator
customers: 2,044
1989 MWh generated: 0
1989 MWh purchased: 32,361
1989 MWh sold: 29,222
1989 revenues: $1,230,000
established 1967

Odessa, City of
Ninth and Dryden St., Box 128
Odessa, Mo. 64076
(816) 633-5521
Mike Tholen, City Administrator
customers: 1,609
nameplate capacity (kW): oil: 8,300
1989 MWh generated: 4,880
1989 MWh purchased: 26,606
1989 MWh sold: 27,800
1989 revenues: $1,888,000
established 1939

Osceola Municipal Utilities
Second and Walnut St., Box 321
Osceola, Mo. 64776
(417) 646-8421
J. Hartley, President
customers: 461
1989 MWh generated: 0
1989 MWh purchased: 0
1989 MWh sold: 4,808
1989 revenues: $377,000
established 1971

Owensville, City of
109 N. Second St.
Owensville, Mo. 65066
(314) 437-2514
Alva Cahill, Plant Superintendent
customers: 1,319
nameplate capacity (kW): oil: 3,400
1989 MWh generated: 604
1989 MWh purchased: 22,812
1989 MWh sold: 19,141
1989 revenues: $1,580,000
established 1938

Palmyra, City of*
301 S. Main St.
Palmyra, Mo 63461
(314) 769-3329
William D. Huffman, Superintendent
customers: 1,782
nameplate capacity (kW): oil: 10,500
1989 MWh generated: 1,220
1989 MWh purchased:
from nonutilities: 25,955
1989 MWh sold: 24,314
1989 revenues: $1,573,000
established 1912

Paris, City of
124 W. Campbell
Paris, Mo. 65275
(816) 327-4630
Terry Gardner, Electric Superintendent
customers: 832
1989 MWh generated: 0
1989 MWh purchased: 11,000
1989 MWh sold: 9,900
1989 revenues: $724,000

Pattonsburg, City of
Box 206
Pattonsburg, Mo 64670
(816) 367-4412
Billy Fleming, Superintendent
customers: 261
1989 MWh generated: 0
1989 MWh purchased: 3,275
1989 MWh sold: 2,259
1989 revenues: $204,000
established 1934

Perry, City of
127 E. Main St., Box 280
Perry, Mo 63462
(314) 565-3131
Herman McClain, Superintendent
customers: 435
1989 MWh generated: 0
1989 MWh purchased: 5,022
1989 MWh sold: 4,705
1989 revenues: $321,000

Pleasant Hill Utilities*
203 Paul St.
Pleasant Hill, Mo. 64080
(816) 987-3153
Jerry Barbarick, Superintendent
customers: 1,755
1989 MWh generated: 0
1989 MWh purchased: 22,388
1989 MWh sold: 18,438
1989 revenues: $1,469,000
established 1939

Poplar Bluff, City of*
101 Oak St.
Poplar Bluff, Mo. 63901
(314) 686-8020
Doug Bagby, Manager
customers: 8,520
nameplate capacity (kW): unavailable
1989 MWh generated: 459
1989 MWh purchased: 223,934
1989 MWh sold: 196,110
1989 revenues: $8,167,000
established 1917

Rich Hill, City of
Seventh and Walnut Sts.
Rich Hill, Mo. 64779
(417) 395-4211
Joy DeTienne, Electric Superintendent
customers: 700
1989 MWh generated: 0
1989 MWh purchased: 6,970
1989 MWh sold: 5,542
1989 revenues: $492,000

Richland, City of
Box 798
Richland, Mo. 65556
(314) 765-3532
Charles Forbis, City Administrator
customers: 1,117
1989 MWh generated: 0
1989 MWh purchased: 18,000
1989 MWh sold: 17,000
1989 revenues: $1,025,000
established 1946

Rockport, City of
102 W. Clay St.
Rock Port, Mo. 64482
(816) 744-2676
Jimmie Hughes, Superintendent
customers: 825
nameplate capacity (kW): gas: 5,000; oil: 900
1989 MWh generated: 1,672
1989 MWh purchased: 11,786
1989 MWh sold: 11,931
1989 revenues: $821,000
established 1932

Rolla Municipal Utilities*
102 W. Ninth St., Box 767
Rolla, Mo. 65401
(314) 364-1572
John R. Twitty, General Manager
customers: 6,380
1989 MWh generated: 0
1989 MWh purchased: 189,972
1989 MWh sold: 176,749
1989 revenues: $9,629,000
established 1945

St. James, City of
105 N. Bourbeuse St.
St. James, Mo. 65559
(314) 265-7011
Kenneth Young, Superintendent
customers: 1,695
1989 MWh generated: 0
1989 MWh purchased: 31,000
1989 MWh sold: 28,000
1989 revenues: $1,825,000

St. Robert, City of
Drawer H
St. Robert, Mo. 65583
(314) 336-3911
Jack Fincher, Superintendent
customers: 1,200
1989 MWh generated: 0
1989 MWh purchased: 28,541
1989 MWh sold: 27,328
1989 revenues: $1,370,000
established 1963

Salem, City of
Third and Grant Sts.
Salem, Mo. 65560
(314) 729-4117
Ray Lunsford, Superintendent
customers: 2,366
1989 MWh generated: 0
1989 MWh purchased: 42,800
1989 MWh sold: 39,600
1989 revenues: $2,268,000
established 1934

Salisbury, City of
Box 168
Salisbury, Mo. 65281
(816) 388-6197
David J. Millar, Superintendent
customers: 1,120
nameplate capacity (kW): unavailable
1989 MWh generated: 100
1989 MWh purchased: 16,579
1989 MWh sold: 14,190
1989 revenues: $913,000

Seymour, City of
Box 247
Seymour, Mo. 65746
(417) 935-4892
Don McWilliams, Clerk
customers: 651
1989 MWh generated: 0
1989 MWh purchased: 16,441
1989 MWh sold: 13,237
1989 revenues: $995,000

Shelbina, City of
127 W. Chestnut St.
Shelbina, Mo. 63468
(314) 588-2150
Dennie Fowler, City Superintendent
customers: 1,276
nameplate capacity (kW): unavailable
1989 MWh generated: 370
1989 MWh purchased: 19,857
1989 MWh sold: 17,799
1989 revenues: $1,217,000

Sikeston, City of*
138 N. Prairie
Sikeston, Mo. 63801
(314) 471-3328
E. R. Inman, Director
customers: 8,476
nameplate capacity (kW): coal: 235,000; oil: 4,300
1989 MWh generated: 1,252,829
1989 MWh purchased:
from utilities: 48,931
from nonutilities: 78,619
1989 MWh sold: retail: 224,777
wholesale: 1,119,278
1989 revenues: retail: $11,390,000
wholesale: $43,630,000
established 1931

Slater, City of
109 N. Main St.
Slater, Mo. 65349
(816) 529-2271
Kevin G. Kenzenkovil, City Manager
customers: 1,344
1989 MWh generated: 0
1989 MWh purchased: 14,346
1989 MWh sold: 13,515
1989 revenues: $997,000

Springfield, City of+ *
301 E. Central St., Box 551
Springfield, Mo. 65801
(417) 831-8601
Robert E. Roundtree, General Manager
customers: 74,399
nameplate capacity (kW): coal: 447,000; gas: 174,600; oil: 15,300
1989 MWh generated: 1,653,729
1989 MWh purchased: 464,449
1989 MWh sold: retail: 1,793,006
wholesale: 245,607
1989 revenues: retail: $78,934,000
wholesale: $6,428,000
established 1945

Stanberry, City of
First and Locust Sts.
Stanberry, Mo. 64489
(816) 783-2725
Fred Helm, City Administrator
customers: 770
nameplate capacity (kW): gas: 4,100; oil: 1,000
1989 MWh generated: 61
1989 MWh purchased: 9,888
1989 MWh sold: 8,607
1989 revenues: $587,000
established 1937

Steelville, City of
103 Brickey, Box M
Steelville, Mo. 65565
(314) 775-2815
James A. Taylor, City Superintendent
customers: 921
1989 MWh generated: 0
1989 MWh purchased: 16,134
1989 MWh sold: 14,453
1989 revenues: $840,000

Sullivan, City of
210 W. Washington
Sullivan, Mo. 63080
(314) 468-4612
Joseph Thurmond, Light Commissioner
customers: 2,877
1989 MWh generated: 0
1989 MWh purchased: 71,000
1989 MWh sold: 64,000
1989 revenues: $3,638,000
established 1942

Thayer, City of

Second and Market Sts., Box 76
Thayer, Mo. 65791
(417) 264-3921
James Bowers, Superintendent
customers: 955
1989 MWh generated: 0
1989 MWh purchased: 13,919
1989 MWh sold: 11,144
1989 revenues: $787,000

Trenton Municipal Utilities*
115 E. Tenth St.
Trenton, Mo. 64683
(816) 359-2281
Buddy Bennett, Superintendent
customers: 3,237
nameplate capacity (kW): oil: 19,200
1989 MWh generated: 2,317
1989 MWh purchased: 63,253
1989 MWh sold: 61,757
1989 revenues: $3,623,000
established 1937

Unionville, City of*
1611 Grant St.
Unionville, Mo. 63565
(816) 947-2168
Dennie Sheehan, Superintendent
customers: 1,674
nameplate capacity (kW): oil: 7,200
1989 MWh generated: 54
1989 MWh purchased: 14,719
1989 MWh sold: 14,166
1989 revenues: $789,000
established 1921

Vandalia, City of*
202 E. Park St.
Vandalia, Mo. 63382
(314) 594-3302
James E. Millard, Superintendent
customers: 1,484
nameplate capacity (kW): gas: 7,800; oil: 600
1989 MWh generated: 299
1989 MWh purchased: 15,916
1989 MWh sold: 14,274
1989 revenues: $975,000
established 1938

Waynesville, City of
201 North St.
Waynesville, Mo. 65583
(314) 774-6171
John T. Tinsley, City Administrator
customers: 1,501
1989 MWh generated: 0
1989 MWh purchased: 24,422
1989 MWh sold: 21,850
1989 revenues: $1,397,000
established 1963

West Plains, City of
1910 Holiday Lane
West Plains, Mo. 65775
(417) 256-7176
Jim Davidson, Power Coordinator
customers: 4,267
1989 MWh generated: 0
1989 MWh purchased: 135,000
1989 MWh sold: 110,464
1989 revenues: $6,397,000
established 1908

Winona, City of
Box 426
Winona, Mo. 65588
(314) 325-4443
Sharon K. Davis, Clerk
customers: 529
1989 MWh generated: 0
1989 MWh purchased: 7,699
1989 MWh sold: 6,795
1989 revenues: $466,000

Montana

Flathead Power Division, U.S. Bureau of Indian Affairs
Box 890
Polson, Mont. 59860
(406) 893-5361
Joseph T. Nelson Jr., Superintendent
customers: 12,629
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 260,515
  from nonutilities: 502
1989 MWh sold: 240,391
1989 revenues: $9,668,000

Troy Power & Light
Box 823
Troy, Mont. 59935
(406) 295-4540
Pat Dolan, Power Manager
customers: 879
1989 MWh generated: 0
1989 MWh purchased: 14,871
1989 MWh sold: 13,654
1989 revenues: $623,000
established 1987

Nebraska

Alliance, City of+ *
324 Laramie Ave., Box D
Alliance, Neb. 69301
(308) 762-5400
Dick Bacon, Electrical Superintendent
customers: 6,255
1989 MWh generated: 0
1989 MWh purchased: 106,344
1989 MWh sold: 94,207
1989 revenues: $5,640,000
established 1916

Ansley, City of*
Box 327
Ansley, Neb. 68814
(308) 935-2181
Richard Amsberry, Utility Superintendent
customers: 305
1989 MWh generated: 0
1989 MWh purchased: 3,300
1989 MWh sold: 3,000
1989 revenues: $196,000
established 1914

Arapahoe, City of
Box 235
Arapahoe, Neb. 68922-0235
(308) 962-7414
Wesley Smith, Superintendent
customers: 612
1989 MWh generated: 0
1989 MWh purchased: 7,621
1989 MWh sold: 6,921
1989 revenues: $545,000
established 1921

Arnold, Village of+ *
209 W. First St., Box 35
Arnold, Neb. 69120
(308) 848-2228
Michael Lucas, Utilities Superintendent
customers: 515
nameplate capacity (kW): oil: 1,210
1989 MWh generated: 6
1989 MWh purchased: 7,099
1989 MWh sold: 6,246
1989 revenues: $299,000
established 1935

Auburn Board of Public Works+ *
1600 O St., Box 208
Auburn, Neb. 68305-0288
(402) 274-4981
Lambert Blecha, General Manager
customers: 2,645
1989 MWh generated: 0
1989 MWh purchased: 47,141
1989 MWh sold: 42,572
1989 revenues: $2,200,000
established 1939

Bartley, Village of
301 W. Walnut, Box 205
Bartley, Neb. 69020
(308) 692-3213
Melvin Meguire, Superintendent
customers: 207
1989 MWh generated: 0
1989 MWh purchased: 1,645
1989 MWh sold: 1,500
1989 revenues: $142,000
established 1925

Battle Creek, City of*
101 E. Main St.
Battle Creek, Neb. 68715
(402) 675-2165
Jim Schacher, Utilities Superintendent
customers: 599
1989 MWh generated: 0
1989 MWh purchased: 10,000
1989 MWh sold: 9,210
1989 revenues: $531,000
established 1948

Bayard, City of+ *
445 Main St., Box 160
Bayard, Neb. 69334
(308) 586-1121
L. G. Sanchez, Superintendent
customers: 654
1989 MWh generated: 0
1989 MWh purchased: 17,970
1989 MWh sold: 14,483
1989 revenues: $532,000

Beatrice, City of*
205 N. Fourth St., Box 279
Beatrice, Neb. 68310-0279
(402) 223-5211
James Bauer, General Manager
customers: 6,613
1989 MWh generated: 0
1989 MWh purchased: 118,089
1989 MWh sold: 113,127
1989 revenues: $5,884,000
established 1947

Beaver City Light Plant+ *
Box 185
Beaver City, Neb. 68926
(308) 268-2125
Dennis Chesterman, Utilities Superintendent
customers: 428
nameplate capacity (kW): gas: 1,683,000; oil: 800
1989 MWh generated: 17
1989 MWh purchased: 5,284
1989 MWh sold: 5,301
1989 revenues: $318,000
established 1912

Benkelman, City of*
126 Seventh Ave. E., Box 197
Benkelman, Neb. 69021
(308) 423-2540
Wilmer Seybold, Utilities Superintendent
customers: 650
1989 MWh generated: 0
1989 MWh purchased: 9,451
1989 MWh sold: 8,435
1989 revenues: $602,000
established 1913

Blue Hill, City of+ *
Box 277
Blue Hill, Neb. 68930
(402) 756-3771
Gary Stertz, Electrical Superintendent
customers: 470
nameplate capacity (kW): unavailable
1989 MWh generated: 8
1989 MWh purchased: 5,818
1989 MWh sold: 5,344
1989 revenues: $237,000
established 1910

Bradshaw, Village of*
430 Lincoln St.
Bradshaw, Neb. 68319
(402) 736-4634
James Gordan, Utility Superintendent
customers: 177
1989 MWh generated: 0
1989 MWh purchased: 2,207
1989 MWh sold: 1,970
1989 revenues: $161,000

Brainard, Village of
Box 127
Brainard, Neb. 68626
(402) 545-2701
Raymond Stolze, Superintendent
customers: 200
1989 MWh generated: 0
1989 MWh purchased: 2,884
1989 MWh sold: 2,369
1989 revenues: $183,000

Bridgeport, City of*
809 Main St.
Bridgeport, Neb. 69336
(308) 262-0617
Charles E. Brandt Jr., Superintendent
customers: 913
1989 MWh generated: 0
1989 MWh purchased: 12,157
1989 MWh sold: 11,781
1989 revenues: $494,000
established 1950

Broken Bow, City of+ *
314 S. Tenth, Box 567
Broken Bow, Neb. 68822
(308) 872-6884
Robert C. Jacobsen, Superintendent
customers: 2,260
nameplate capacity (kW): gas: 8,200; oil: 500
1989 MWh generated: 733
1989 MWh purchased: 43,176
1989 MWh sold: 39,823
1989 revenues: $1,722,000
established 1915

Burt County Public Power District
613 N. 13th St., Box 209
Tekamah, Neb. 68061
(402) 374-2631
Raymond Carlson, General Manager
customers: 3,781
1989 MWh generated: 0
1989 MWh purchased: 88,525
1989 MWh sold: retail: 73,789
  wholesale: 4,902
1989 revenues: retail: $4,415,000
  wholesale: $194,000
established 1935

Burwell, City of+ *
Box 604
Burwell, Neb. 68823
(308) 346-4898
Robert Beat, City Administrator
customers: 747
nameplate capacity (kW): gas: 3,400; oil: 700
1989 MWh generated: 107
1989 MWh purchased: 9,043
1989 MWh sold: 8,379
1989 revenues: $526,000
established 1918

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Butler County Rural Public Power District
1331 Fourth St., Box 349
David City, Neb. 68632
(402) 367-3081
George E. Cunningham, General Manager
customers: 4,173
1989 MWh generated: 0
1989 MWh purchased: 70,856
1989 MWh sold: 64,445
1989 revenues: $4,078,000
established 1937

Callaway, Village of+ *
Box 157
Callaway, Neb. 68825
(308) 836-2262
Larry Nelson, Utilities Superintendent
customers: 360
nameplate capacity (kW): oil: 900
1989 MWh generated: 20
1989 MWh purchased: 5,597
1989 MWh sold: 5,025
1989 revenues: $180,000
established 1912

Cambridge, City of
321 Nelson
Cambridge, Neb. 69022
(308) 697-3713
Kenneth Fichtner, Superintendent
customers: 617
nameplate capacity (kW): oil: 3,100
1989 MWh generated: 12
1989 MWh purchased: 8,805
1989 MWh sold: 7,569
1989 revenues: $440,000
established 1909

Campbell, Village of
Box 215
Campbell, Neb. 68932
(402) 756-8111
Greg L'Heureux, Superintendent
customers: 233
nameplate capacity (kW): oil: 1,300
1989 MWh generated: 54
1989 MWh purchased: 2,774
1989 MWh sold: 2,460
1989 revenues: $160,000
established 1910

Cedar-Knox Public Power District
Box 397
Hartington, Neb. 68739
(402) 254-6291
Jerome B. Litz, Manager
customers: 4,300
1989 MWh generated: 0
1989 MWh purchased: 110,000
1989 MWh sold: retail: 94,000
wholesale: 6,000
1989 revenues: retail: $4,940,000
wholesale: $161,000
established 1937

Central City, City of*
Box 418
Central City, Neb. 68826
(308) 946-2771
Jack Merrill, Electric Commissioner
customers: 1,554
1989 MWh generated: 0
1989 MWh purchased: 23,724
1989 MWh sold: 22,961
1989 revenues: $1,322,000
established 1909

Central Nebraska Public Power & Irrigation District+ *
415 Lincoln St., Box 740
Holdrege, Neb. 68949
(308) 995-8601
Frank J. Dragoun, General Manager
customers: unavailable
nameplate capacity (kW): hydro: 105,000; gas: 108,800
1989 MWh generated: 398,399
1989 MWh purchased: 0
1989 MWh sold: wholesale: 398,399
1989 revenues: wholesale: $10,166,000
established 1933

Chappell, City of+ *
757 Second St.
Chappell, Neb. 69129
(308) 874-2401
Gordon Adkins, Superintendent
customers: 701
1989 MWh generated: 0
1989 MWh purchased: 10,000
1989 MWh sold: 9,000
1989 revenues: $443,000
established 1911

Chester, Village of
621 Thayer Ave., Box 335
Chester, Neb. 68327
(402) 324-5755
Maurice Mitchell, Board Chairman
customers: 251
1989 MWh generated: 0
1989 MWh purchased: 2,735
1989 MWh sold: 2,430
1989 revenues: $171,000
established 1920

Chimney Rock Public Power District
805 W. Eighth St., Box 608
Bayard, Neb. 69334
(308) 586-1824
James Reiber, Manager
customers: 2,133
1989 MWh generated: 0
1989 MWh purchased: 42,000
1989 MWh sold: 36,836
1989 revenues: $2,577,000
established 1936

Clarkson, City of*
126 W. Second St., Box 18
Clarkson, Neb. 68629
(402) 892-3100
Fred J. Wacha, Mayor
customers: 426
1989 MWh generated: 0
1989 MWh purchased: 6,774
1989 MWh sold: 5,890
1989 revenues: $327,000
established 1925

Cornhusker Public Power District
N.W. U.S. Highway 81, Box 9
Columbus, Neb. 68601
(402) 564-2821
Norman L. Hoge, General Manager
customers: 7,404
1989 MWh generated: 0
1989 MWh purchased: 201,000
1989 MWh sold: retail: 185,000
wholesale: 3,000
1989 revenues: retail: $10,388,000
wholesale: $123,000
established 1943

Cozad, City of
208 W. Eighth St.
Cozad, Neb. 69130
(308) 784-3939
Lloyd Keller, Light Commisioner
customers: 1,873
1989 MWh generated: 0
1989 MWh purchased: 56,663
1989 MWh sold: 52,316
1989 revenues: $2,614,000
established 1939

Crete, City of+ *
241 E. 13th St., City Hall
Crete, Neb. 68333-0086
(402) 826-4311
George G. Beyer, Utilities Manager
customers: 2,245
nameplate capacity (kW): gas: 15,300; oil: 400
1989 MWh generated: 2,572
1989 MWh purchased: 89,734
1989 MWh sold: 88,911
1989 revenues: $3,300,000
established 1887

Cuming County Public Power District
500 S. Main St.
West Point, Neb. 68788
(402) 372-2463
Cecil Woodka, Manager
customers: 2,609
1989 MWh generated: 0
1989 MWh purchased: 84,838
1989 MWh sold: retail: 77,206
wholesale: 1,382
1989 revenues: retail: $4,542,000
wholesale: $50,000
established 1935

Curtis, City of+ *
310 Center Ave., Box 6
Curtis, Neb. 69025
(308) 367-4122
Harold M. Farrar, Administrator
customers: 703
nameplate capacity (kW): gas: 3,400; oil: 400
1989 MWh generated: 53
1989 MWh purchased: 9,943
1989 MWh sold: 8,436
1989 revenues: $529,000
established 1913

Custer Public Power District
625 E. South E., Box 10
Broken Bow, Neb. 68822
(308) 872-2451
Lloyd H. Ramsey, General Manager
customers: 8,320
1989 MWh generated: 0
1989 MWh purchased: 128,673
1989 MWh sold: retail: 105,967
wholesale: 13,924
1989 revenues: retail: $7,056,000
wholesale: $196,000
established 1944

Dakota City, City of*
Box 482
Dakota City, Neb. 68731
(402) 987-3448
Linda K. Gagnon, City Administrator
customers: 528
1989 MWh generated: 0
1989 MWh purchased: 10,381
1989 MWh sold: 8,573
1989 revenues: $584,000
established 1910

Davenport, Village of
Second St., Box 119
Davenport, Neb. 68335
(402) 364-2296
Pete Mesloh, Utility Superintendent
customers: 250
1989 MWh generated: 0
1989 MWh purchased: 3,274
1989 MWh sold: 2,732
1989 revenues: $185,000
established 1920

David City, City of+ *
402 Fifth St.
David City, Neb. 68632
(402) 367-3135
Gene Grubaugh, Superintendent
customers: 1,317
1989 MWh generated: 0
1989 MWh purchased: 25,672
1989 MWh sold: 22,628
1989 revenues: $1,265,000
established 1913

Dawson County Public Power District
300 S. Washington
Lexington, Neb. 68850
(308) 324-2386
Philip Darby Jr., Manager
customers: 15,189
1989 MWh generated: 0
1989 MWh purchased: 251,337
1989 MWh sold: retail: 221,434
wholesale: 5,663
1989 revenues: retail: $13,713,000
wholesale: $272,000
established 1937

De Witt, Village of
Box 208
De Witt, Neb. 68341
(402) 683-5025
Charles M. McDougall, Superintendent
customers: 318
1989 MWh generated: 0
1989 MWh purchased: 15,964
1989 MWh sold: 14,815
1989 revenues: $781,000

Decatur, Village of
Box 156
Decatur, Neb. 68020
(402) 349-5360
Peggy A. Davis, Clerk
customers: 376
1989 MWh generated: 0
1989 MWh purchased: 5 002
1989 MWh sold: 4,664
1989 revenues: $465,000

Deshler, City of
305 Bryson, Box 189
Deshler, Neb. 68340
(402) 356-4260
Roger Dondlinger, Superintendent
customers: 498
1989 MWh generated: 0
1989 MWh purchased: 6,853
1989 MWh sold: 6,773
1989 revenues: $323,000
established 1931

Dorchester, Village of
701 Washington Ave., Box 287
Dorchester, Neb. 68343
(402) 946-3201
Edward Dvorak, Superintendent
customers: 273
1989 MWh generated: 0
1989 MWh purchased: 3,701
1989 MWh sold: 3,701
1989 revenues: $222,000

Edgar Light & Water Department*
Box 485
Edgar, Neb. 68935
(402) 224-5145
Wayne Kautz, Superintendent
customers: 405
1989 MWh generated: 0
1989 MWh purchased: 5,429
1989 MWh sold: 4,918
1989 revenues: $334,000

lk Creek, Village of
Box 125
Elk Creek, Neb. 68348
(402) 874-2430
Philip Hall, Clerk
customers: 100
1989 MWh generated: 0
1989 MWh purchased: 1,133
1989 MWh sold: 1,031
1989 revenues: $51,000

Elkhorn Rural Public Power District
Box 310
Battle Creek, Neb. 68715
(402) 675-2185
Milton Smith, General Manager
customers: 6,384
1989 MWh generated: 0
1989 MWh purchased: 132,600
1989 MWh sold: 119,100
1989 revenues: $7,366,000

established 1939

Emerson, City of
Box 339
Emerson, Neb. 68733
(402) 695-2554
David Gradert, Electrical Superintendent
customers: 410
nameplate capacity (kW): gas: 1,600; oil: 100
1989 MWh generated: 700
1989 MWh purchased: 4,500
1989 MWh sold: 5,100
1989 revenues: $415,000
established 1912

Endicott, Village of
Endicott, Neb. 68350
(402) 729-3404
Clyde Kellie, Clerk
customers: 78
1989 MWh generated: 0
1989 MWh purchased: 575
1989 MWh sold: 550
1989 revenues: $32,000

Fairbury, City of+ *
612 D St.
Fairbury, Neb. 68352
(402) 729-3030
Edward R. Brandt, Superintendent of Utilities
customers: 3,905
1989 MWh generated: 0
1989 MWh purchased: 60,600
1989 MWh sold: retail: 52,880
wholesale: 1,633
1989 revenues: retail: $1,800,000
wholesale: $75,000
established 1910

Fairmont, Village of*
Box 156
Fairmont, Neb. 68354
(402) 268-3341
Robert R. Benorden, Utilities Superintendent
customers: 327
1989 MWh generated: 0
1989 MWh purchased: 5,016
1989 MWh sold: 5,016
1989 revenues: $252,000

Falls City, City of+ *
1820 Towie St.
Falls City, Neb. 68355
(402) 245-2724
Larry Merz, Public Works Director
customers: 2,797
nameplate capacity (kW): gas: 20,700; oil: 1,700
1989 MWh generated: 364
1989 MWh purchased: 45,899
1989 MWh sold: retail: 43,937
wholesale: 31
1989 revenues: retail: $2,114,000
wholesale: $1,000
established 1890

Filley Utilities
Box 85
Filley, Neb. 68357
(402) 662-3555
David Norten, Light Commissioner
customers: 100
1989 MWh generated: 0
1989 MWh purchased: 103,433
1989 MWh sold: 10,233
1989 revenues: $588,000

Franklin, City of*
619 15th Ave.
Franklin, Neb. 68939
(308) 425-3326
Jerry Remaly, Superintendent
customers: 746
nameplate capacity (kW): gas: 4,080
1989 MWh generated: 71
1989 MWh purchased: 8,719
1989 MWh sold: 7,432
1989 revenues: $519,000
established 1910

Franklin County Rural Public Power District
101 16th St.
Franklin, Neb. 68939
(308) 425-6217
Arnold C. Esplund, Manager
customers: 1,796
1989 MWh generated: 0
1989 MWh purchased: 21,053
1989 MWh sold: 19,160
1989 revenues: retail: $1,418,000
wholesale: $48,000
established 1934
(This system merged with Southern Nebraska Rural Public Power District in September 1990)

Fremont Department of Utilities+ *
725 N. Park Ave., Box 1468
Fremont, Neb. 68025
(402) 721-2490
Jon McCafferty, General Manager
customers: 12,314
nameplate capacity (kW): coal: 129,000
1989 MWh generated: 266,951
1989 MWh purchased:
from utilities: 8,333
from nonutilities: 24,091
1989 MWh sold: retail: 288,698
wholesale: 10,903
1989 revenues: retail: $13,408,000
wholesale: $268,000
established 1894

Friend, City of*
235 Maple St.
Friend, Neb. 68359
(402) 947-2711
Joe D. Long, Light Commissioner
customers: 620
1989 MWh generated: 0
1989 MWh purchased: 8,892
1989 MWh sold: 8,254
1989 revenues: $491,000
established 1905

Gering, City of+ *
1450 Tenth St., Box 888
Gering, Neb. 69341
(308) 436-5096
Electric Utility Director
customers: 3,348
1989 MWh generated: 0
1989 MWh purchased: 68,553
1989 MWh sold: 59,605
1989 revenues: $2,654,000
established 1934

Giltner, City of
Box 254
Giltner, Neb. 68841
(402) 849-2845
Perry Hosier, Utility Superintendent
customers: 187
1989 MWh generated: 0
1989 MWh purchased: 3,221
1989 MWh sold: 2,608
1989 revenues: $190,000

Gothenburg, City of
409 Ninth St.
Gothenburg, Neb. 69138
(308) 532-3668
Raymond L. Caldwell, Electric Foreman
customers: 1,665
1989 MWh generated: 0
1989 MWh purchased: 35,000
1989 MWh sold: 33,036
1989 revenues: $1,642,000
established 1956

Grand Island, City of*
Box 1968
Grand Island, Neb. 68802-1968
(308) 381-5487
Gary R. Mader, Director of Utility Operations
customers: 21,071
nameplate capacity (kW): coal: 100,000; gas: 107,000
1989 MWh generated: 430,874
1989 MWh purchased: 95,902
1989 MWh sold: retail: 427,615
wholesale: 79,508
1989 revenues: retail: $20,946,000
wholesale: $1,069,000
established 1905

Grant, City of+ *
346 Central Ave., Box 614
Grant, Neb. 69140
(308) 352-2100
John L. Mathes, City Superintendent
customers: 777
1989 MWh generated: 0
1989 MWh purchased: 13,800
1989 MWh sold: 12,550
1989 revenues: $741,000

Greenwood, Village of*
Box 190
Greenwood, Neb. 68366
(402) 789-2300
Edwin Koehler, Superintendent
customers: 220
1989 MWh generated: 0
1989 MWh purchased: 3,914
1989 MWh sold: 3,535
1989 revenues: $258,000
established 1932

Hampton, Village of
Box 277
Hampton, Neb. 68843
(402) 725-3186
Jim Litchfield, Utility Superintendent
customers: 244
1989 MWh generated: 0
1989 MWh purchased: 3,392
1989 MWh sold: 3,050
1989 revenues: $226,000
established 1905

Hastings, City of*
1228 N. Denver Ave.
Hastings, Neb. 68901
(402) 463-1371
Marvin H. Schultes, Manager of Utilities
customers: 11,390
nameplate capacity (kW): coal: 76,300; gas: 39,000; oil: 22,000
1989 MWh generated: 237,064
1989 MWh purchased: 74,279
1989 MWh sold: retail: 219,271
wholesale: 79,306
1989 revenues: retail: $11,976,000
wholesale: $1,118,000
established 1901

Hebron, City of
216 Lincoln Ave.
Hebron, Neb. 68370
(402) 768-6322
Lavon Boman, City Electrician
customers: 965
1989 MWh generated: 0
1989 MWh purchased: 14,896
1989 MWh sold: 12,762
1989 revenues: $842,000

Hemingford, City of*
Box 395
Hemingford, Neb. 69348
(308) 487-3465
Margaret Reynolds, Village Administrator
customers: 810
1989 MWh generated: 0
1989 MWh purchased: 7,286
1989 MWh sold: 6,823
1989 revenues: $394,000
established 1956

Hickman, City of*
115 Locust, Box 127
Hickman, Neb. 68372
(402) 792-2210
Marilyn J. Kuhl, Mayor
customers: 431
1989 MWh generated: 0
1989 MWh purchased: 6,345
1989 MWh sold: 6,100
1989 revenues: $325,000

Hildreth, Village of
Box 217
Hildreth, Neb. 68947
(308) 938-2471
Dale Casper, Superintendent
customers: 220
1989 MWh generated: 0
1989 MWh purchased: 2,731
1989 MWh sold: 2,729
1989 revenues: $135,000

Holbrook Municipal Light Plant
Box 148
Holbrook, Neb. 68948
(308) 493-5653
Don Vonderfecht, Superintendent
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable

Holdrege, City of*
502 East Ave., Box 436
Holdrege, Neb. 68949
(308) 995 8681
Marvin Paulsen, Utility Superintendent
customers: 3,048
1989 MWh generated: 0
1989 MWh purchased: 94,319
1989 MWh sold: 90 872
1989 revenues: $3,871,000
established 1919

Howard Greeley Rural Public Power District
422 Howard Ave., Box 105
St. Paul, Neb. 68873
(308) 754-4457
Dan McIntyre, Manager
customers: 3,034
1989 MWh generated: 0
1989 MWh purchased: 62,619
1989 MWh sold: retail: 43,234
wholesale: 14,453
1989 revenues: retail: $2,684,000
wholesale: $636,000
established 1938

Hubbell, City of
Box 42
Hubbell, Neb. 68375
(402) 324-4141
Aaron Porter, Light Commissioner
customers: 62
1989 MWh generated: 0
1989 MWh purchased: 479
1989 MWh sold: 414
1989 revenues: $31,000

Imperial, City of*
S. Broadway St.
Imperial, Neb. 69033
(308) 882-5151
Timothy T. Sutherland, Superintendent
customers: 1,119
1989 MWh generated: 0
1989 MWh purchased: 22,715

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1989 MWh sold: 19,934
1989 revenues: $878,000

Indianola, City of*
Main St.
Indianola, Neb. 69034
(308) 364-2413
Warren Young, Superintendent
customers: 364
1989 MWh generated: 0
1989 MWh purchased: 4,221
1989 MWh sold: 3,671
1989 revenues: $257,000

KBR Rural Public Power District
374 N. Pine St., Box 187
Ainsworth, Neb. 69210
(402) 387-1120
Rich Walters, Manager
customers: 3,064
1989 MWh generated: 0
1989 MWh purchased: 45,211
1989 MWh sold: 39,004
1989 revenues: $2,804,000
established 1950

Kimball, City of+ *
223 S. Chestnut St.
Kimball, Neb. 69145
(308) 235-3639
City Administrator
customers: 1,670
nameplate capacity (kW): gas: 9,400
1989 MWh generated: 300
1989 MWh purchased: 20,500
1989 MWh sold: 18,500
1989 revenues: $1,076,000
established 1912

Laurel, City of*
101 W. Second St.
Laurel, Neb. 68745
(402) 256-3112
H. D. Reinoehl, City Administrator
customers: 607
1989 MWh generated: 0
1989 MWh purchased: 8,028
1989 MWh sold: 7,547
1989 revenues: $441,000
established 1916

Leigh, Village of*
Box 277
Leigh, Neb. 68643
(402) 487-3303
Randy Huisman, Maintenance Engineer
customers: 298
1989 MWh generated: 0
1989 MWh purchased: 4,668
1989 MWh sold: 3,820
1989 revenues: $251,000

Lexington, City of
406 E. Sixth St., Box 70
Lexington, Neb. 68850
(308) 324-2341
Pete Bishop, Electric Superintendent
customers: 3,315
1989 MWh generated: 0
1989 MWh purchased: 66,539
1989 MWh sold: 61,562
1989 revenues: $3,082,000
established 1945

Lincoln Electric Sysiem+ *
11th & O Sts., Box 80869
Lincoln, Neb. 68501
(402) 475-4211
Walter A. Canney, Administrator
customers: 89,863
nameplate capacity (kW): gas: 27,000; oil: 72,400
1989 MWh generated: 859,062
1989 MWh purchased:
from utilities: 1,823,035
from nonutilities: 5
1989 MWh sold: retail: 1,916,986
wholesale: 574,217
1989 revenues: retail: $91,576,000
wholesale: $9,596,000
established 1913

Lodgepole, City of*
Box 266
Lodgepole, Neb. 69944
(308) 483-5353
Lloyd Dykman, Utilities Superintendent
customers: 211
1989 MWh generated: 0
1989 MWh purchased: 2,192
1989 MWh sold: 1,824
1989 revenues: $80,000
established 1915

Loup River Public Power District+ *
2404 Fifteen St.
Columbus, Neb. 68601
(402) 564-3171
Robert E. White, General Manager
customers: 15,956
nameplate capacity (kW): unavailable
1989 MWh generated: 133,787
1989 MWh purchased: 566,472
1989 MWh sold: retail: 397,805
wholesale: 272,610
1989 revenues: retail: $17,685,000
wholesale: $9,722,000
established 1933

Loup Valley Rural Public Power District
312 S. 15th St., Box 166
Ord, Neb. 68862
(308) 728-3633
Kenneth W. Clement, Manager
customers: 3,622
1989 MWh generated: 0
1989 MWh purchased: 49,710
1989 MWh sold: 45,070
1989 revenues: $3,011,000
established 1946

Lyman, Village of+ *
414 Jeffers Ave.
Lyman, Neb. 69352
(308) 787-1444
Lea Anne Easton, Village Clerk
customers: 280
1989 MWh generated: 0
1989 MWh purchased: 4,582
1989 MWh sold: 4,492
1989 revenues: $270,000
established 1922

Lyons, City of*
335 Main St.
Lyons, Neb. 68038
(402) 687-2003
Gloria J. Myers, City Clerk-Treasurer
customers: 657
1989 MWh generated: 0
1989 MWh purchased: 8,756
1989 MWh sold: 7,964
1989 revenues: $456,000
established 1915

Madison, City of
210 W. Third St., Box 527
Madison, Neb. 68748
(402) 454-3412
Darrell Dawson, Administrator
customers: 929
nameplate capacity (kW): unavailable
1989 MWh generated: 105
1989 MWh purchased: 47,493
1989 MWh sold: retail: 45,668
wholesale: 105
1989 revenues: $2,001,000

McCook Public Power District
North US 83 and Q St., Box 1147
McCook, Neb. 69001
(308) 345-2500
James P. Phinney, General Manager
customers: 4,532
1989 MWh generated: 0
1989 MWh purchased: 135,002
1989 MWh sold: retail: 109,763
wholesale: 11,639
1989 revenues: retail: $7,235,000
wholesale: $176,000
established 1935

Minden, City of
325 N. Colorado St.
Minden, Neb. 68959
(308) 832-1820
Thomas Kenney, City Administrator
customers: 1,474
1989 MWh generated: 0
1989 MWh purchased: 23,653
1989 MWh sold: 19,673
1989 revenues: $1,307,000

Mitchell, City of+ *
1444 12th Street
Mitchell, Neb. 69357
(308) 623-2133
Ty Abernethy, Utility Superintendent
customers: 1,037
1989 MWh generated: 0
1989 MWh purchased: 19,775
1989 MWh sold: 18,222
1989 revenues: $736,000
established 1934

Morrill, Village of+ *
114 S. Centre, Box 305
Morrill, Neb. 69358
(308) 247-2312
Donald Mike Weinmeister, Superintendent
customers: 839
1989 MWh generated: 0
1989 MWh purchased: 13,000
1989 MWh sold: 12,000
1989 revenues: $550,000
established 1900

Mullen, Village of+ *
Box 187
Mullen, Neb. 69152
(308) 546-2625
Donald Kehr, Utilities Superintendent
customers: 395
nameplate capacity (kW): oil: 1,200
1989 MWh generated: 18
1989 MWh purchased: 5,464
1989 MWh sold: 4,123
1989 revenues: $232,000
established 1957

Nebraska City, City of+ *
100 Central Ave., Box 670
Nebraska City, Neb. 68410
(402) 873-3353
William T. Brockley, General Manager
customers: 5,490
nameplate capacity (kW): gas: 30,100
1989 MWh generated: 11,156
1989 MWh purchased: 93,628
1989 MWh sold: 93,946
1989 revenues: $4,078,000
established 1944

Nebraska Public Power District*
1414 15th St., Box 499
Columbus, Neb. 68601
(402) 564-8561
Ronald W. Watkins, President & CEO
customers: 105,913
nameplate capacity (kW): nuclear: 835,600; coal: 1,538,300; hydro: 78,000; gas: 32,500; oil: 147,050
1989 MWh generated: 11,697,795
1989 MWh purchased: 1,740,834
1989 MWh sold: retail: 2,382,146
wholesale: 10,475,076
1989 revenues: retail: $136,053,000
wholesale: $315,846,000
established 1939

Neligh Municipal Power*
202 M St., Box 87
Neligh, Neb. 68756
(402) 887-5042
Eugene Zillig, Superintendent
customers: 978
1989 MWh generated: 0
1989 MWh purchased: 15,000
1989 MWh sold: 12,535
1989 revenues: $861,000
established 1969

Nelson, City of
60 E. Fourth St.
Nelson, Neb. 68961
(402) 225-4401
Virgil Schlief, Light Superintendent
customers: 394
1989 MWh generated: 0
1989 MWh purchased: 4,542
1989 MWh sold: 3,915
1989 revenues: $235,000
established 1914

Norris Public Power District
606 Irving St., Box 399
Beatrice, Neb. 68310
(402) 223-4038
Glen R. Schmieding, General Manager
customers: 12,409
1989 MWh generated: 0
1989 MWh purchased: 376,239
1989 MWh sold: retail: 338,428
wholesale: 12,892
1989 revenues: retail: $18,464,000
wholesale: $485,000
established 1933

North Central Public Power District
Box 7
Creighton, Neb. 68729
(402) 358-5112
Brian Newton, Manager
customers: 3,586
1989 MWh generated: 0
1989 MWh purchased: 66,582
1989 MWh sold: 59,510
1989 revenues: $3,617,000
established 1945

North Platte, City of*
Third and Vine Sts.
North Platte, Neb. 69101
(308) 532-5320
Larry E. Linstrom, Manager
customers: 12,869
1989 MWh generated: 0
1989 MWh purchased: 205,000
1989 MWh sold: 194,000
1989 revenues: $9,617,000
established 1940

Northeast Nebraska Rural Public Power District
511 Main St., Box 39
Emerson, Neb. 68733
(402) 695-2642
Cletus J. Temple, Manager
customers: 2,635
1989 MWh generated: 0
1989 MWh purchased: 65,430
1989 MWh sold: 59,758
1989 revenues: retail: $3,250,000
wholesale: $126,000
established 1939

Northwest Rural Public Power District
S. Highway 87, Box 249
Hay Springs, Neb. 69347
(308) 638-4445
Rolland Skinner, Manager
customers: 2,527
1989 MWh generated: 0
1989 MWh purchased: 57,090
1989 MWh sold: 51,000
1989 revenues: $4,041,000
established 1947

Omaha Public Power District+ *
444 S. 16th St. Mall
Omaha, Neb. 68102-2247

(402) 636-2000
Fred M. Petersen, President & CEO
customers: 245,165
nameplate capacity (kW): nuclear: 502,000; coal: 1,261,000; gas: 110,800; oil: 130,000
1989 MWh generated: 7,202,585
1989 MWh purchased: 654,443
1989 MWh sold: retail: 6,371,845
wholesale: 44,935
1989 revenues: retail: $364,863,000
wholesale: $5,825,000
established 1946

Ord, City of
240 S. 16th St.
Ord, Neb. 68862
(308) 728-3595
Gene Baugh, Superintendent
customers: 1,586
1989 MWh generated: 0
1989 MWh purchased: 22,799
1989 MWh sold: 18,955
1989 revenues: retail: $1,035,000
wholesale: $32,000
established 1916

Oxford, Village of+ *
Box 385
Oxford, Neb. 68967
(308) 824-3511
Ron Ludeke, Utilities Superintendent
customers: 565
nameplate capacity (kW): oil: 4,300
1989 MWh generated: 42
1989 MWh purchased:
from utilities: 5,098
from nonutilities: 2,278
1989 MWh sold: 6,314
1989 revenues: $401,000

Panama, Village of
Box 117
Panama, Neb. 68419
(402) 788-2733
Kathy Harrop, Clerk/Treasurer
customers: 101
1989 MWh generated: 0
1989 MWh purchased: 1,269
1989 MWh sold: 1,269
1989 revenues: $67,000

Pender, City of+ *
Box S
Pender, Neb. 68047
(402) 385-3121
Robert Fendrick, Utilities Superintendent
customers: 825
nameplate capacity (kW): gas: 5,500
1989 MWh generated: 20
1989 MWh purchased: 11,070
1989 MWh sold: 9,853
1989 revenues: $496,000
established 1920

Pierce, City of*
114 S. Brown St.
Pierce, Neb. 68767
(402) 329-4535
Clarence Wattier, Utilities Manager
customers: 962
1989 MWh generated: 0
1989 MWh purchased: 17,328
1989 MWh sold: 14,233
1989 revenues: $803,000
established 1941

Plainview Municipal Utilities*
Box 757
Plainview, Neb. 68769
(402) 582-4928
Mark Anderson, City Manager
customers: unavailable
nameplate capacity (kW): gas: 3,200
1989 MWh generated: 15
1989 MWh purchased: 9,898
1989 MWh sold: 7,771
1989 revenues: retail: $521,000
wholesale: $805,000
established 1910

Polk, Village of
Box 6
Polk, Neb. 68654
(402) 765-6471
Matthew L. Redman, Superintendent
customers: 244
1989 MWh generated: 0
1989 MWh purchased: 2 894
1989 MWh sold: 2,374
1989 revenues: $207,000
established 1906

Polk County Rural Public Power District
120 W. Fourth St.
Stromsburg, Neb. 68666
(402) 764-4381
Merlin Steele, Manager
customers: 2,435
1989 MWh generated: 0
1989 MWh purchased: 55,000
1989 MWh sold: retail: 39,028
wholesale: 9,855
1989 revenues: retail: $2,269,000
wholesale: $411,000
established 1936

Prague, Village of
Prague, Neb. 68050
(402) 663-5235
Ray Paseka, Utility Superintendent
customers: 160
1989 MWh generated: 0
1989 MWh purchased: 2,500
1989 MWh sold: 2,200
1989 revenues: $138,000

Randolph, City of
Box 220
Randolph, Neb. 68771
(402) 337-0553
Les Greiner, Foreman of Utility
customers: 587
nameplate capacity (kW): unavailable
1989 MWh generated: 82
1989 MWh purchased: 7,151
1989 MWh sold: 7,116
1989 revenues: $399,000
established 1916

Red Cloud, City of+ *
540 N. Webster St.
Red Cloud, Neb. 68970
(402) 746-2214
Albert A. Wood, Superintendent
customers: 749
nameplate capacity (kW): oil: 6,700
1989 MWh generated: 35
1989 MWh purchased: 8,962
1989 MWh sold: 7,615
1989 revenues: $503,000
established 1912

Reynolds, Village of
Main St., Box 98
Reynolds, Neb. 68429-0098
(402) 324-3174
Sharon Ginn, Clerk
customers: 70
nameplate capacity (kW): unavailable
1989 MWh generated: 545
1989 MWh purchased: 0
1989 MWh sold: 480
1989 revenues: $32,000

Roosevelt Public Power District
1633 13th St., Box 97
Mitchell, Neb. 69357
(308) 623-2124
Jack Mitchell, Manager
customers: 2,284
1989 MWh generated: 0
1989 MWh purchased: 42,632
1989 MWh sold: 38,779
1989 revenues: $2,695,000
established 1935

St. Paul, City of*
522 Howard Ave.
St Paul, Neb. 68873
(308) 754-4483
Charles Schmid, Superintendent
customers: 1,060
1989 MWh generated: 0
1989 MWh purchased: 14,445
1989 MWh sold: 13,291
1989 revenues: $875,000

Sargent, City of*
Box 40
Sargent, Neb. 68874
(308) 527-4200
Larry Kelly, City Manager
customers: 436
nameplate capacity (kW): oil: 2,500
1989 MWh generated: 1
1989 MWh purchased: 5,854
1989 MWh sold: 5,376
1989 revenues: $262,000
established 1916

Schuyler, City of*
124 E. 11th St.
Schuyler, Neb. 68661
(402) 352-5445
Fred Ayers, Superintendent
customers: 2,136
1989 MWh generated: 0
1989 MWh purchased: 81,553
1989 MWh sold: 77,688
1989 revenues: $2,962,000
established 1892

Scribner, City of*
Scribner, Neb. 68057
(402) 664-3231
Gordon Evert, Superintendent
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1988

Seward, City of*
537 Main St.
Seward, Neb. 68434
(402) 643-2927
Lawrence Fiala, Electric Superintendent
customers: 2,531
1989 MWh generated: 0
1989 MWh purchased: 55,000
1989 MWh sold: 52,000
1989 revenues: $2,424,000
established 1921

Seward County Rural Public Power District
S. Highway 15
Seward, Neb. 68434
(402) 643-2951
Joel A. Navis, General Manager
customers: 2,591
1989 MWh generated: 0
1989 MWh purchased: 53,528
1989 MWh sold: 48,217
1989 revenues: $3,312,000
established 1938

Shickley, Village of+ *
Box 25
Shickley, Neb. 68436
(402) 627-2055
Richard Walter, Village Board Member
customers: 231
1989 MWh generated: 0
1989 MWh purchased: 3,700
1989 MWh sold: 2,914
1989 revenues: $181,000
established 1923

Sidney, City of+ *
1115 13th Ave.
Sidney, Neb. 69162
(308) 254-5300
Robert Willis, Plant Superintendent
customers: 3,029
nameplate capacity (kW): gas: 7,500; oil: 800
1989 MWh generated: 384
1989 MWh purchased: 41,247
1989 MWh sold: 36,981
1989 revenues: $1,870,000
established 1942

Snyder, City of*
125 Ash, Box 247
Snyder, Neb. 68664
(402) 568-2306
Barb Renter, Village Clerk
customers: 189
1989 MWh generated: 0
1989 MWh purchased: 5,562
1989 MWh sold: 4,861
1989 revenues: $286,000
established 1890

South Central Public Power District
275 S. Main St.
Nelson, Neb. 68961
(402) 225-2351
Max Van Skiver, Manager
customers: 4,261
1989 MWh generated: 0
1989 MWh purchased: 87,248
1989 MWh sold: 79,862
1989 revenues: $4,698,000
established 1945

South Sioux City, City of*
1615 First Ave.
South Sioux City, Neb. 68776
(402) 494-5827
David A. Lane, Public Works Director
customers: 4,833
1989 MWh generated: 0
1989 MWh purchased: 71,750
1989 MWh sold: 74,291
1989 revenues: $6,175,000
established 1896

Southern Nebraska Rural Public Power District*
Box 1687
Grand Island, Neb. 68802
(308) 384-2350
Charles J. Hoke, General Manager
customers: 16,363
1989 MWh generated: 0
1989 MWh purchased: 363,970
1989 MWh sold: 322,450
1989 revenues: $20,649,000
established 1937

Southwest Public Power District*
221 N. Main St., Box J
Palisade, Neb. 69040
(308) 285-3295
Don Suda, General Manager
customers: 5,045
1989 MWh generated: 0
1989 MWh purchased: 134,598
1989 MWh sold: retail: 122,025
wholesale: 25,583
1989 revenues: retail: $7,578,000
wholesale: $635,000
established 1954

Spalding, Village of*
Box 268
Spalding, Neb. 68665
(308) 497-2416
Paul Semper, Superintendent
customers: 582
nameplate capacity (kW): hydro: 100;

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oil: 2,100
1989 MWh generated: 462
1989 MWh purchased: 6,569
1989 MWh sold: 6,003
1989 revenues: $220,000
established 1954

Spencer, Village of*
Box 15
Spencer, Neb. 68777
(402) 589-1130
Lyle Karnes, Superintendent
customers: 339
1989 MWh generated: 0
1989 MWh purchased: 5,375
1989 MWh sold: 4,769
1989 revenues: $274,000

Stanton County Public Power District
807 Douglas St., Box 319
Stanton, Neb. 68779
(402) 439-2228
William Johnson, Manager
customers: 2,900
1989 MWh generated: 0
1989 MWh purchased: 44,357
1989 MWh sold: 39,694
1989 revenues: $2,598,000
established 1936

Stratton, City of
Box 116
Stratton, Neb. 69045
(308) 276-2184
A. R. Terrell, Superintendent
customers: 276
1989 MWh generated: 0
1989 MWh purchased: 3,701
1989 MWh sold: 3,284
1989 revenues: $210,000

Stromsburg, City of♦ *
122 E. Third St.
Stromsburg, Neb. 68666
(402) 764-2561
Merlin Simpson, Superintendent
customers: 632
1989 MWh generated: 0
1989 MWh purchased: 9,855
1989 MWh sold: 9,181
1989 revenues: $571,000
established 1936

Stuart, City of♦ *
109 W. First St.
Stuart, Neb. 68780
(402) 924-3647
M. A. Jauernig, Utilities Superintendent
customers: 351
1989 MWh generated: 0
1989 MWh purchased: 5,244
1989 MWh sold: 4,700
1989 revenues: $263,000
established 1922

Superior, City of*
135 W. Fourth St.
Superior, Neb. 68978
(402) 879-4711
Richard J. Elliott, Director of Public Works
customers: 1,502
1989 MWh generated: 0
1989 MWh purchased: 28,961
1989 MWh sold: 28,106
1989 revenues: $1,590,000
established 1941

Sutton Light & Power Plant*
Box 437
Sutton, Neb. 68979
(402) 773-5501
Wayne Stroot, Electric Distribution Superintendent
customers: 776
1989 MWh generated: 0
1989 MWh purchased: 11,299
1989 MWh sold: 8,526
1989 revenues: $675,000

Syracuse, City of*
578 Mohawk St.
Syracuse, Neb. 68446
(402) 269-2173
Donald Block, Utilities Superintendent
customers: 890
1989 MWh generated: 0
1989 MWh purchased: 13,727
1989 MWh sold: 11,935
1989 revenues: $752,000
established 1930

Talmage Electric Department
Box 198
Talmage, Neb. 68448
(402) 264-3825
Melvin Howe, Superintendent
customers: 188
1989 MWh generated: 0
1989 MWh purchased: 2,351
1989 MWh sold: 2,183
1989 revenues: $123,000

Tecumseh, City of*
12 S. Fourth St.
Tecumseh, Neb. 68450
(402) 335-3025
Terry Kage, Utilities Superintendent
customers: 990
1989 MWh generated: 0
1989 MWh purchased: 19,840
1989 MWh sold: 19,003
1989 revenues: $930,000
established 1890

Thurston, Village of
Box 215
Thurston, Neb. 68062
(402) 385-2603
Faye B. Peck, Clerk
customers: 72
1989 MWh generated: 0
1989 MWh purchased: 572
1989 MWh sold: 373
1989 revenues: $30,000

Trenton, Village of
Box 68
Trenton, Neb. 69044
(308) 285-3295
Barney Lee Whatley, Superintendent
customers: 434
1989 MWh generated: 0
1989 MWh purchased: 5,139
1989 MWh sold: 4,732
1989 revenues: $305,000
established 1905

Twin Valleys Public Power District
W. Highway Six and 34, Box 160
Cambridge, Neb. 69022
(308) 697-3315
Paul Liess, General Manager
customers: 4,411
1989 MWh generated: 0
1989 MWh purchased: 59,239
1989 MWh sold: retail: 49,191
 wholesale: 3,431
1989 revenues: retail: $3,603,000
 wholesale: $175,000
established 1944

University of Nebraska♦ *
1700 Y St.
Lincoln, Neb. 68588
(402) 472-3131
Gary Thalken, Manager of Utilities
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1934

Valentine, City of*
323 N. Main St., Box 177
Valentine, Neb. 69201-0177
(402) 376-2323
Steven C. Jones, City Manager
customers: 1,767
1989 MWh generated: 0
1989 MWh purchased: 35,184
1989 MWh sold: 31,331
1989 revenues: $1,740,000

Wahoo, City of♦ *
605 N. Broadway
Wahoo, Neb. 68066
(402) 443-3222
Brian Skeahan, Manager
customers: 2,194
nameplate capacity (kW): gas: 13,700; oil: 500
1989 MWh generated: 679
1989 MWh purchased: 37,418
1989 MWh sold: retail: 35,316
 wholesale: 1,740
1989 revenues: retail: $1,396,000
 wholesale: $64,000
established 1908

Wakefield, City of*
405 Main St.
Wakefield, Neb. 68784
(402) 287-2547
Larry Lueth, Superintendent
customers: 549
nameplate capacity (kW): unavailable
1989 MWh generated: 100
1989 MWh purchased: 19,651
1989 MWh sold: 18,914
1989 revenues: $780,000
established 1917

Walthill, Village of*
224 Main St., Box 246
Walthill, Neb. 68067
(402) 846-5921
Henry L. Johnson, Superintendent
customers: 338
1989 MWh generated: 0
1989 MWh purchased: 4,862
1989 MWh sold: 3,752
1989 revenues: $297,000
established 1965

Wauneta, Village of*
45 E. Wichita
Wauneta, Neb. 69045
(308) 394-5390
Stan George, Utilities Superintendent
customers: 461
1989 MWh generated: 0
1989 MWh purchased: 7,000
1989 MWh sold: 6,000
1989 revenues: $324,000
established 1948

Wayne Municipal Utilities♦ *
208 S. Main St.
Wayne, Neb. 68787
(402) 375-2866
General Manager
customers: 2,106
nameplate capacity (kW): oil: 15,400
1989 MWh generated: 356
1989 MWh purchased: 40,566
1989 MWh sold: 36,263
1989 revenues: $1,906,000
established 1897

Wayne County Public Power District
303 Logan St.
Wayne, Neb. 68787
(402) 375-1360
E. A. Schroeder, Manager
customers: 2,614
1989 MWh generated: 0
1989 MWh purchased: 60,000
1989 MWh sold: 54,000
1989 revenues: $2,770,000
established 1939

West Point, City of♦ *
444 S. Main St.
West Point, Neb. 68788
(402) 372-2468
Howard C. Parrott, City Administrator
customers: 1,760
nameplate capacity (kW): gas: 8,600
1989 MWh generated: 550
1989 MWh purchased: 31,420
1989 MWh sold: 29,918
1989 revenues: $1,549,000
established 1922

Weston, Village of
Box 149
Weston, Neb. 68070
(402) 642-5496
Lynne Ross, Clerk-Treasurer
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1922

Wheat Belt Public Power District
2104 Illinois St.
Sidney, Neb. 69162
(308) 254-5871
Gene M. Lienemann, General Manager
customers: 4,280
1989 MWh generated: 0
1989 MWh purchased: 125,670
1989 MWh sold: 111,771
1989 revenues: $8,226,000
established 1947

Wilber, City of*
101 W. Third St., Box 486
Wilber, Neb. 68465
(402) 821-3233
Michael Pospisil, City Superintendent
customers: 808
nameplate capacity (kW): oil: 2,100
1989 MWh generated: 100
1989 MWh purchased: 12,500
1989 MWh sold: 9,600
1989 revenues: $428,000
established 1900

Wilcox, Village of*
Box 158
Wilcox, Neb. 68982
(308) 478-5548
Phyllis Stabenow, Village Clerk/Treasurer
customers: 275
1989 MWh generated: 0
1989 MWh purchased: 2,510
1989 MWh sold: 2,391
1989 revenues: $95,000

Winside, Village of
Box 206
Winside, Neb. 68790
(402) 286-4422
Carol M. Brugger, Village Clerk
customers: 262
1989 MWh generated: 0
1989 MWh purchased: 2,945
1989 MWh sold: 2,423
1989 revenues: $121,000
established 1915

Wisner, City of*
1115 Ave. E, Box 367
Wisner, Neb. 68791
(402) 529-6616
Roland Johnson, Utilities Superintendent
customers: 722
nameplate capacity (kW): oil: 1,900
1989 MWh generated: 21
1989 MWh purchased:
 from utilities: 10,422
 from nonutilities: 4,166
1989 MWh sold: 12,325
1989 revenues: $464,000

established 1905

Wood River, City of*
Box 8
Wood River, Neb. 68883
(308) 583-2757
James A. Smith, Superintendent
customers: 519
1989 MWh generated: 0
1989 MWh purchased: 8,983
1989 MWh sold: 8,106
1989 revenues: $541,000

Wymore, City of
115 W. E St.
Wymore, Neb. 68466
(402) 645-3377
Allen Griess, Superintendent
customers: 914
1989 MWh generated: 0
1989 MWh purchased: 10,563
1989 MWh sold: 9,285
1989 revenues: $566,000

York County Rural Public Power District
2122 S. Lincoln Ave., Box 219
York, Neb. 68467
(402) 362-3355
Hilary Neesen, General Manager
customers: 4,382
1989 MWh generated: 0
1989 MWh purchased: 112,866
1989 MWh sold: 101,195
1989 revenues: $6,231,000
established 1938

Nevada

Alamo Power District No. 3
233 N. Main, Box 189
Alamo, Nev. 89001
(702) 725-3335
Douglas J. Miller, Manager
customers: 479
1989 MWh generated: 0
1989 MWh purchased: 11,719
1989 MWh sold: 9,894
1989 revenues: $344,000
established 1942

Boulder City, City of*
900 Arizona St., Box 367
Boulder City, Nev. 89005
(702) 293-9200
Ned J. Shamo, Superintendent, Electrical Distribution
customers: 5,651
1989 MWh generated: 0
1989 MWh purchased: 127,223
1989 MWh sold: 115,480
1989 revenues: $4,631,000
established 1960

Caliente, City of
100 Depot Ave.
Caliente, Nev. 89008
(702) 726-3132
George T. Rowe, Mayor
customers: 477
1989 MWh generated: 0
1989 MWh purchased: 12,000
1989 MWh sold: 10,000
1989 revenues: $505,000
established 1944

Colorado River Commission of Nevada
1515 E. Tropicana, Suite 400
Las Vegas, Nev. 89119
(702) 486-7060
Jack L. Stonehocker, Director
customers: 7
1989 MWh generated: 0
1989 MWh purchased: 1,805,426
1989 MWh sold: retail: 790,611
wholesale: 1,011,871
1989 revenues: retail: $12,036,000
wholesale: $9,251,000
established 1936

Fallon, City of*
55 W. Williams Ave.
Fallon, Nev. 89406
(702) 423-5107
Michael Rody, City Manager
customers: 3,319
1989 MWh generated: 0
1989 MWh purchased: 47,982
1989 MWh sold: 43,184
1989 revenues: $4,010,000
established 1911

Lincoln County Power District No. 1
SR 89063, Box 101
Pioche, Nev. 89043
(702) 962-5122
William F. Lynch, Manager
customers: 133
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 62,342
1989 MWh sold: retail: 14,037
wholesale: 40,421
1989 revenues: retail: $420,000
wholesale: $923,000
established 1935

Overton Power District No. 5
601 N. SR 169, Box 395
Overton, Nev. 89040
(702) 397-2512
Alma Whipple, General Manager
customers: 3,078
1989 MWh generated: 0
1989 MWh purchased: 133,186
1989 MWh sold: 115,099
1989 revenues: $4,653,000
established 1939

Pioche, City of
Box 35
Pioche, Nev. 89043
(702) 962-5840
Patrick Kelly, Manager
customers: 328
1989 MWh generated: 0
1989 MWh purchased: 5,553
1989 MWh sold: 5,015
1989 revenues: $206,000

New Hampshire

Ashland Electric Department
2 Collins St., Box 517
Ashland, N.H. 03217
(603) 968-3083
Thomas E. Marsh, Superintendent
customers: 1,047
nameplate capacity (kW): unavailable
1989 MWh generated: 183
1989 MWh purchased: 25,276
1989 MWh sold: 24,441
1989 revenues: $1,744,000
established 1917

Littleton, Town of
30 Lafayette Ave.
Littleton, N.H. 03561
(603) 444-2915
James R. Thyng, Superintendent
customers: 3,058
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 53,480
from nonutilities: 1,376
1989 MWh sold: 50,147
1989 revenues: $3,533,000
established 1903

New Hampton Village Precinct
New Hampton, N.H. 03256
(603) 351-3517
Ralph Ness, Manager, Electric Department
customers: 136
1989 MWh generated: 0
1989 MWh purchased: 2,652
1989 MWh sold: 2,344
1989 revenues: $158,000
established 1914

Wolfeboro, Town of
S. Main St., Box 777
Wolfeboro, N.H. 03894
(603) 569-3900
James McSweeney, Town Manager
customers: 4,493
nameplate capacity (kW): unavailable
1989 MWh generated: 500
1989 MWh purchased: 53,000
1989 MWh sold: 47,700
1989 revenues: $3,450,000
established 1397

Woodsville, City of
3 N. Court St.
Woodsville, N.H. 03785
(603) 747-2442
Hayden Waterhouse, Superintendent
customers: 1,062
1989 MWh generated: 0
1989 MWh purchased: 17,180
1989 MWh sold: 15,437
1989 revenues: $901,000
established 1922

New Jersey

Butler Municipal Power & Light Co.*
1 Ace Road
Butler, N.J. 07405
(201) 838-7200
Frank J. Bastone, Borough Administrator
customers: 9,978
1989 MWh generated: 0
1989 MWh purchased: 113,375
1989 MWh sold: 101,681
1989 revenues: $11,494,000
established 1915

LaVallette Electric Department*
Washington Avenue
LaVallette, N.J. 08735
(201) 793-7477
Joan Larson, Electric Clerk
customers: 2,718
1989 MWh generated: 0
1989 MWh purchased: 14,368
1989 MWh sold: 13,057
1989 revenues: $1,059,000
established 1927

Madison, City of
Hartley Dodge Memorial Bldg., Kings Road
Madison, N.J. 07940
(201) 593-3043
James Allison, Borough Administrator
customers: 6,105
1989 MWh generated: 0
1989 MWh purchased: 113,586
1989 MWh sold: 113,435
1989 revenues: $10,682,000
established 1889

Milltown, Borough of
39 Washington Ave.
Milltown, N.J. 08850
(201) 828-2100
Jack Shanabrook, Supervisor
customers: 3,017
1989 MWh generated: 0
1989 MWh purchased: 39,875
1989 MWh sold: 31,058
1989 revenues: $3,537,000

Park Ridge Electric Department+ *
53 Park Ave.
Park Ridge, N.J. 07656
(201) 391-2113
Robert F. Kenney, Director of Operations
customers: 3,411
1989 MWh generated: 0
1989 MWh purchased: 62,550
1989 MWh sold: 59,030
1989 revenues: $5,032,000
established 1904

Pemberton, Borough of
114 Hanover St., Box 261
Pemberton, N.J. 08068
(609) 894-8222
Edward Kaelin, Superintendent
customers: 515
1989 MWh generated: 0
1989 MWh purchased: 6,120
1989 MWh sold: 6,120
1989 revenues: $486,000
established 1921

Seaside Heights, Borough of
901 Blvd. Ipri
Seaside Heights, N.J. 08751
(201) 793-0359
Leonard Ipri, Superintendent
customers: 2,541
1989 MWh generated: 0
1989 MWh purchased: 34,488
1989 MWh sold: 28,204
1989 revenues: $3,032,000
established 1921

South River, Borough of*
33 Gordon St.
South River, N.J. 08882
(201) 257-9051
George Freeman, Electric Supervisor
customers: 5,699
1989 MWh generated: 0
1989 MWh purchased: 46,541
1989 MWh sold: 38,685
1989 revenues: $3,872,000
established 1908

Vineland, City of+ *
Seventh & Wood St., City Hall
Vineland, N.J. 08360
(609) 794-4166
Harry A. Maloney III, Director of Electric Utility
customers: 16,901
nameplate capacity (kW): coal: 25,000; oil: 75,000
1989 MWh generated: 187,852
1989 MWh purchased: 236,950
1989 MWh sold: 398,739
1989 revenues: $28,977,000
established 1900

New Mexico

Aztec, City of
201 W. Chaco St.
Aztec, N.M. 87410
(505) 334-9456
Shirley Willis, City Manager
customers: 1,980
1989 MWh generated: 0
1989 MWh purchased:

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

from utilities: 13,500
from nonutilities: 9,440
1989 MWh sold: 20,100
1989 revenues: $1,325,000
established 1956

Farmington, City of+ *
800 Municipal Drive
Farmington, N.M. 87401
(505) 327-7701
William T. Statton, Electric Utility Director
customers: 27,981
nameplate capacity (kW): coal: 42,720; hydro: 32,000; gas: 32,000
1989 MWh generated: 402,123
1989 MWh purchased: 84,638
1989 MWh sold: retail: 419,392
wholesale: 14,111
1989 revenues: retail: $32,972,000
wholesale: $794,000
established 1964

Gallup, City of*
Box 1270
Gallup, N.M. 87301
(505) 863-6871
Robert Monday, Utility Director
customers: 8,632
1989 MWh generated: 0
1989 MWh purchased: 204,460
1989 MWh sold: 195,774
1989 revenues: $15,800,000
established 1941

Los Alamos, County of*
901 Trinity Drive, Box 1057
Los Alamos, N.M. 87544
(505) 662-8130
Chris Ortega, Utilities Manager
customers: 7,835
nameplate capacity (kW): coal: 38,450
1989 MWh generated: 203,325
1989 MWh purchased: 257,768
1989 MWh sold: retail: 473,937
wholesale: 13,694
1989 revenues: retail: $27,401,000
wholesale: $296,000
established 1967

Raton Public Service Co.+ *
224 Savage Ave.
Raton, N.M. 87740
(505) 445-9861
Nardi Gabriele, General Manager
customers: 3,911
nameplate capacity (kW): coal: 10,500
1989 MWh generated: 29,681
1989 MWh purchased: 19,355
1989 MWh sold: 42,678
1989 revenues: $3,026,000
established 1919

Springer, Town of
612 Colbert Ave., Box 488
Springer, N.M. 87747
(505) 483-2682
Lloyd Miles, Administrator
customers: 677
1989 MWh generated: 0
1989 MWh purchased: 5,043
1989 MWh sold: 4,307
1989 revenues: $496,000

Truth or Consequences, City of*
605 Sims St.
Truth or Consequences, N.M. 87901
(505) 894-6674
Gene E. Hoskinson, Electric Utility Director
customers: 3,868
1989 MWh generated: 0
1989 MWh purchased: 39,198
1989 MWh sold: 34,898
1989 revenues: $2,630,000
established 1934

New York

Akron, Village of+ *
21 Main St., Box 180
Akron, N.Y. 14001
(716) 542-9636
Raymond J. Carlo Jr., Clerk/Treasurer
customers: 1,385
1989 MWh generated: 0
1989 MWh purchased: 45,061
1989 MWh sold: 42,860
1989 revenues: $1,181,000
established 1903

Andover, Village of+
4 Main St.
Andover, N.Y. 14806
(607) 478-8455
Maynard Towner, Superintendent
customers: 545
1989 MWh generated: 0
1989 MWh purchased: 6,795
1989 MWh sold: 6,121
1989 revenues: $212,000
established 1913

Angelica, Village of+ *
White St.
Angelica, N.Y. 14709
(716) 466-7431
Richard Sortore, Superintendent
customers: 620
1989 MWh generated: 0
1989 MWh purchased: 7,552
1989 MWh sold: 6,864
1989 revenues: $254,000
established 1930

Arcade, Village of+ *
17 Church St.
Arcade, N.Y. 14009
(716) 492-1111
Larry A. Kilburn, Superintendent, Public Works
customers: 3,220
1989 MWh generated: 0
1989 MWh purchased: 117,746
1989 MWh sold: retail: 113,000
wholesale: 81
1989 revenues: retail: $2,894,000
wholesale: $2,000
established 1909

Bath Electric, Gas & Water Systems+ *
Drawer 310
Bath, N.Y. 14810
(607) 776-3072
W. Neal Wrinkle, Director
customers: 4,017
1989 MWh generated: 0
1989 MWh purchased: 72,180
1989 MWh sold: 67,182
1989 revenues: $2,218,000
established 1915

Bergen, Village of+ *
16 N. Lake St.
Bergen, N.Y. 14416
(716) 494-1513
Roy Hill, Superintendent
customers: 603
1989 MWh generated: 0
1989 MWh purchased: 22,067
1989 MWh sold: 20,267
1989 revenues: $978,000
established 1909

Boonville Electric & Water Departments+ *
RR 3, Box 2
Boonville, N.Y. 13309
(315) 942-4461
John W. Gilbert, Superintendent
customers: 2,617
1989 MWh generated: 0
1989 MWh purchased: 56,790
1989 MWh sold: 50,647
1989 revenues: $1,865,000
established 1903

Brocton, City of+ *
34 W. Main St.
Brocton, N.Y. 14716
(716) 792-4160
Rick Manzella, Superintendent
customers: 767
1989 MWh generated: 0
1989 MWh purchased: 11,837
1989 MWh sold: 10,284
1989 revenues: $232,000
established 1904

Castile, Village of+ *
120 N. Main St.
Castile, N.Y. 14427
(716) 493-2340
Lynn D. Washburn, Superintendent
customers: 616
1989 MWh generated: 0
1989 MWh purchased: 7,067
1989 MWh sold: 6,709
1989 revenues: $255,000
established 1903

Churchville, Village of+ *
22 S. Main St., Box M
Churchville, N.Y. 14428
(716) 293-3720
Ronald J. Trinkl, Superintendent
customers: 781
1989 MWh generated: 0
1989 MWh purchased: 16,332
1989 MWh sold: 15,609
1989 revenues: $645,000
established 1921

Endicott, Village of+ *
1009 E. Main St.
Endicott, N.Y. 13760
(607) 757-2450
Harold Andrews, Superintendent
customers: 3,214
1989 MWh generated: 0
1989 MWh purchased: 47,583
1989 MWh sold: 45,308
1989 revenues: $1,843,000
established 1906

Fairport, Village of+ *
31 S. Main St., Box 500
Fairport, N.Y. 14450
(716) 223-0440
Jon D. Sunde, General Manager
customers: 13,536
1989 MWh generated: 0
1989 MWh purchased: 344,271
1989 MWh sold: 321,869
1989 revenues: $13,091,000
established 1901

Frankfort Power & Light+ *
126 E. Orchard St., Box 94
Frankfort, N.Y. 13340
(315) 894-8611
Rick Palumbo, Line Foreman
customers: 1,657
1989 MWh generated: 0
1989 MWh purchased: 18,483
1989 MWh sold: 16,492
1989 revenues: $637,000
established 1903

Freeport Light & Power+ *
220 W. Sunrise Hwy.
Freeport, N.Y. 11520
(516) 378-4000
William A. Cominos, General Manager
customers: 14,759
nameplate capacity (kW): oil: 50,900
1989 MWh generated: 8,331
1989 MWh purchased: 213,682
1989 MWh sold: 210,380
1989 revenues: $14,053,000
established 1896

Green Island, City of+ *
20 Clinton St.
Green Island, N.Y. 12183
(518) 273-2201
John Peek, Electric Superintendent
customers: 1,243
1989 MWh generated: 0
1989 MWh purchased: 11,897
1989 MWh sold: 10,987
1989 revenues: $660,000
established 1895

Greene, Village of+ *
49 Genesee St.
Greene, N.Y. 13778
(607) 656-8311
Harvey Stalker, Superintendent
customers: 1,193
1989 MWh generated: 0
1989 MWh purchased: 31,581
1989 MWh sold: 29,566
1989 revenues: $1,089,000
established 1900

Greenport Municipal Utilities+ *
236 3rd St., Box AH
Greenport, N.Y. 11944
(516) 477-1748
James I. Monsell, Superintendent
customers: 1,899
nameplate capacity (kW): oil: 7,700
1989 MWh generated: 110
1989 MWh purchased: 25,345
1989 MWh sold: 21,401
1989 revenues: $1,663,000
established 1899

Groton, Village of+ *
108 Cortland St.
Groton, N.Y. 13075
(607) 898-3001
Frank I. Satterly, Director of Public Works
customers: 959
1989 MWh generated: 0
1989 MWh purchased: 20,218
1989 MWh sold: 18,939
1989 revenues: $597,000
established 1933

Hamilton, Village of+ *
3 Broad St., Box 119
Hamilton, N.Y. 13346
(315) 824-1111
John Rathbone, Village Engineer
customers: 1,398
1989 MWh generated: 0
1989 MWh purchased: 50,605
1989 MWh sold: 46,489
1989 revenues: $1,392,000
established 1895

Holley, Village of+
72 Public Square
Holley, N.Y. 14470
(716) 638-6367
Scott Parker, Electric Superintendent
customers: 895
1989 MWh generated: 0
1989 MWh purchased: 20,506
1989 MWh sold: 19,354
1989 revenues: $610,000
established 1889

Ilion, Village of+ *
49 Morgan St.
Ilion, N.Y. 13357
(315) 895-7749
Kevin J. Manfreda, Superintendent
customers: 3,821
1989 MWh generated: 0
1989 MWh purchased: 64,732
1989 MWh sold: 61,654
1989 revenues: $1,289,000
established 1901

Jamestown, City of+ *
200-212 E. Third St., Box 700
Jamestown, N.Y. 14702-0700

NEW YORK *(continued)*

(716) 483-7583
R. James Gronquist, General Manager
customers: 20,037
nameplate capacity (kW): coal: 57,700
1989 MWh generated: 183,193
1989 MWh purchased: 312,534
1989 MWh sold: retail: 408,823
wholesale: 58,393
1989 revenues: retail: $15,139,000
wholesale: $1,577,000
established 1891

Lake Placid Village, Inc.+ *
301 Main St.
Lake Placid, N.Y. 12946
(518) 523-2021
Charles White, Superintendent
customers: 4,339
1989 MWh generated: 0
1989 MWh purchased: 117,834
1989 MWh sold: 115,063
1989 revenues: $4,746,000
established 1906

Little Valley, Village of+ *
Municipal Building
Little Valley, N.Y. 14755
(716) 938-9151
Robert H. Milks, Electric Supervisor
customers: 1,174
1989 MWh generated: 0
1989 MWh purchased: 17,966
1989 MWh sold: 16,506
1989 revenues: $756,000
established 1896

Marathon, Village of+
Box 519
Marathon, N.Y. 13803
(607) 849-6795
Robert P. Braman, Superintendent
customers: 809
1989 MWh generated: 0
1989 MWh purchased: 15,854
1989 MWh sold: 14,737
1989 revenues: $637,000
established 1901

Massena Electric Department+ *
71 E. Hatfield St., Box 209
Massena, N.Y. 13662
(315) 764-0253
Clifford G. Engstrom, General Manager
customers: 8,532
1989 MWh generated: 0
1989 MWh purchased: 122,381
1989 MWh sold: 109,258
1989 revenues: $5,894,000
established 1981

Mayville, Village of+ *
Box 188
Mayville, N.Y. 14757
(716) 753-2125
Chester E. Crandall, Public Works Superintendent
customers: 1,015
1989 MWh generated: 0
1989 MWh purchased: 22,584
1989 MWh sold: 20,720
1989 revenues: $687,000
established 1896

Mohawk Municipal Commission+ *
28 Columbia St.
Mohawk, N.Y. 13407
(315) 866-4170
William Buddenhagen, Utilities Supervisor
customers: 1,297
1989 MWh generated: 0
1989 MWh purchased: 21,093
1989 MWh sold: 19,590
1989 revenues: $584,000
established 1904

New York Power Authority+ *
1633 Broadway
New York, N.Y. 10019
(212) 468-6000
J. Phillip Bayne, President
customers: 93
nameplate capacity (kW): nuclear: 1,896,000; hydro: 4,110,000; oil: 883,000
1989 MWh generated: 33,656,491
1989 MWh purchased: 4,846,010
1989 MWh sold: retail: 13,166,380
wholesale: 25,040,493
1989 revenues: retail: $675,665,000
wholesale: $481,088,000
established 1931

Penn Yan, Village of+ *
2 Maiden Lane
Penn Yan, N.Y. 14527
(315) 536-3374
Carl H. Stuck, Utilities Operations Supervisor
customers: 2,777
1989 MWh generated: 0
1989 MWh purchased: 55,447
1989 MWh sold: 50,195
1989 revenues: $2,008,000
established 1905

Philadelphia, Village of+ *
Box 70
Philadelphia, N.Y. 13673
(315) 642-3452
Philip Hughes Jr., Superintendent of Public Works
customers: 635
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 9,586
1989 MWh sold: 8,786
1989 revenues: $384,000
established 1906

Plattsburgh, City of+ *
6 Miller St.
Plattsburgh, N.Y. 12901
(518) 563-2200
Robert E. Metz, Manager
customers: 8,833
1989 MWh generated: 0
1989 MWh purchased: 541,254
1989 MWh sold: 514,604
1989 revenues: $11,698,000
established 1941

Richmondville, Village of+ *
22 E. Main St.
Richmondville, N.Y. 12149
(518) 294-7700
Bruce R. Stevens, Superintendent
customers: 934
1989 MWh generated: 0
1989 MWh purchased: 11,700
1989 MWh sold: 10,800
1989 revenues: $558,000
established 1918

Rockville Centre, Village of+ *
Box 950
Rockville Centre, N.Y. 11571
(516) 766-0300
Patrick J. Hester, Superintendent
customers: 10,133
nameplate capacity (kW): oil: 31,300
1989 MWh generated: 55,361
1989 MWh purchased: 118,452
1989 MWh sold: 165,094
1989 revenues: $8,862,000
established 1898

Rouses Point, Village of+ *
139 Lake St.
Rouses Point, N.Y. 12979
(518) 297-5502
Arthur M. Bowker, Village Administrator
customers: 1,163
1989 MWh generated: 0
1989 MWh purchased: 81,670
1989 MWh sold: 76,390
1989 revenues: $2,444,000
established 1903

Salamanca Board of Public Utilities+
225 Wildwood Ave.
Salamanca, N.Y. 14779
(716) 945-3130
James M. Brundage, General Manager
customers: 3,451
1989 MWh generated: 0
1989 MWh purchased: 63,744
1989 MWh sold: 60,638
1989 revenues: $1,516,000
established 1913

Sherburne, Village of+ *
15 W. State St.
Sherburne, N.Y. 13460
(607) 674-2300
Kenneth W. Budine, Superintendent
customers: 1,956
1989 MWh generated: 0
1989 MWh purchased: 59,239
1989 MWh sold: 55,521
1989 revenues: $2,288,000
established 1907

Sherrill, City of+ *
601 Sherrill Road
Sherrill, N.Y. 13461
(315) 363-6479
Lawrence Pickard, Superintendent
customers: 1,453
1989 MWh generated: 0
1989 MWh purchased: 61,872
1989 MWh sold: 59,445
1989 revenues: $1,336,000
established 1977

Silver Springs, Village of+
43 N. Main St.
Silver Springs, N.Y. 14550
(716) 493-2500
Richard Mann, Superintendent
customers: 401
1989 MWh generated: 0
1989 MWh purchased: 5,169
1989 MWh sold: 4,601
1989 revenues: $182,000
established 1912

Skaneateles, Village of+ *
46 E. Genesee St.
Skaneateles, N.Y. 13152
(315) 685-5628
Jim Cross, Superintendent
customers: 1,363
1989 MWh generated: 0
1989 MWh purchased: 24,912
1989 MWh sold: 23,162
1989 revenues: $976,000
established 1900

Solvay, Village of+ *
507 Charles Ave.
Solvay, N.Y. 13209
(315) 468-6229
M. V. Raman, Manager & Chief Engineer
customers: 4,592
1989 MWh generated: 0
1989 MWh purchased: 140,662
1989 MWh sold: 131,883
1989 revenues: $4,964,000
established 1896

Spencerport, Village of+ *
27 West Ave.
Spencerport, N.Y. 14559
(716) 352-4771
James Bleier, Superintendent
customers: 2,361
1989 MWh generated: 0
1989 MWh purchased: 52,849
1989 MWh sold: 50,760
1989 revenues: $1,615,000
established 1916

Springville, Village of+
5 W. Main St.
Springville, N.Y. 14141
(716) 592-2310
Robert K. Botsford, Foreman
customers: 2,127
nameplate capacity (kW): hydro: 600
1989 MWh generated: 2,299
1989 MWh purchased: 50,100
1989 MWh sold: 50,230
1989 revenues: $1,690,000
established 1895

Theresa Municipal Electric+ *
124 Commercial St., Box 299
Theresa, N.Y. 13691
(315) 628-4425
Gerard Kipp
customers: 420
1989 MWh generated: 0
1989 MWh purchased: 6,766
1989 MWh sold: 6,152
1989 revenues: $262,000
established 1906

Tupper Lake Municipal Electric System+ *
53 Park St.
Tupper Lake, N.Y. 12986
(518) 359-3341
Donald T. Trudeau, Superintendent
customers: 3,015
1989 MWh generated: 0
1989 MWh purchased: 79,321
1989 MWh sold: 73,669
1989 revenues: $2,624,000
established 1903

Watertown, City of
245 Washington St., Room 305
Watertown, N.Y. 13601
(315) 785-7740
John T. Bouck, Electrical Superintendent
customers: 7
nameplate capacity (kW): hydro: 5,400
1989 MWh generated: 24,822
1989 MWh purchased: 1,530
1989 MWh sold: retail: 11,953
wholesale: 9,844
1989 revenues: retail: $433,000
wholesale: $89,000
established 1924

Watkins Glen Electric Department+
303 N. Franklin St.
Watkins Glen, N.Y. 14891
(607) 535-2736
John B. Doolittle, Manager
customers: 1,312
1989 MWh generated: 0
1989 MWh purchased: 37,699
1989 MWh sold: 34,251
1989 revenues: $1,085,000
established 1918

Wellsville Electric Department+ *
97 W. State St., Box 591
Wellsville, N.Y. 14895
(716) 593-4950
Robert L. Chaffee, Director of Public Works
customers: 2,604
1989 MWh generated: 0
1989 MWh purchased: 60,970
1989 MWh sold: 49,000
1989 revenues: $1,211,000
established 1915

Westfield, Village of+ *

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

23 Elm St.
Westfield, N.Y. 14787
(716) 326-2145
Leroy J. Hamilton, Electric Superintendent
customers: 3,112
1989 MWh generated: 0
1989 MWh purchased: 69,000
1989 MWh sold: 63,685
1989 revenues: $1,353,000
established 1892

North Carolina

(Systems designated (TVA) are distributors of Tennessee Valley Authority power and purchase all of their power from TVA.)

Albemarle, City of*
Box 190
Albemarle, N.C. 28001
(704) 982-0131
D. Lendell Smith Jr., Director of Public Works
customers: 10,094
1989 MWh generated: 0
1989 MWh purchased: 261,659
1989 MWh sold: 241,848
1989 revenues: $15,433,000
established 1910

Apex, Town of*
205 Saunders St., Box 250
Apex, N.C. 27502
(919) 362-8166
Larry P. Thomas, Director of Public Works
customers: 2,641
1989 MWh generated: 0
1989 MWh purchased: 43,083
1989 MWh sold: 40,664
1989 revenues: $3,538,000
established 1923

Ayden, Town of*
Box 219
Ayden, N.C. 28513
(919) 746-2526
Jimmy Westbrook, Utility Director
customers: 3,055
1989 MWh generated: 0
1989 MWh purchased: 64,593
1989 MWh sold: 57,620
1989 revenues: $4,633,000
established 1915

Belhaven, Town of*
Box 220
Belhaven, N.C. 27810
(919) 943-3055
David R. Draughn, Town Manager
customers: 1,159
1989 MWh generated: 0
1989 MWh purchased: 19,333
1989 MWh sold: 18,403
1989 revenues: $1,796,000
established 1920

Benson, Town of*
303 E. Church St., Box 69
Benson, N.C. 27504
(919) 894-3553
Keith R. Langdon, Town Administrator
customers: 1,609
1989 MWh generated: 0
1989 MWh purchased: 32,891
1989 MWh sold: 32,891
1989 revenues: $2,595,000
established 1913

Black Creek, Town of*
Box 8
Black Creek, N.C. 27813
(919) 243-6439
John Woodruff, Superintendent of Public Works
customers: 586
1989 MWh generated: 0
1989 MWh purchased: 8,510
1989 MWh sold: 7,440
1989 revenues: $798,000
established 1922

Bostic, Town of*
Main St., Box 158
Bostic, N.C. 28018
(704) 245-2187
Charles Morgan, Superintendent of Lights
customers: 165
1989 MWh generated: 0
1989 MWh purchased: 2,382
1989 MWh sold: 1,982
1989 revenues: $116,000
established 1920

Cherryville, City of*
116 S. Mountain St.
Cherryville, N.C. 28021
(704) 435-4181
Ted Mace, Director of Public Works
customers: 2,323
1989 MWh generated: 0
1989 MWh purchased: 59,300
1989 MWh sold: 55,060
1989 revenues: $3,585,000
established 1906

Clayton, Town of*
231 E. Second St., Box 879
Clayton, N.C. 27520
(919) 553-5866
Tommy Barnes, Marc Jones, Interim Electrical Superintendents
customers: 2,535
1989 MWh generated: 0
1989 MWh purchased: 50,080
1989 MWh sold: 47,354
1989 revenues: $3,426,000
established 1925

Concord, City of*
66 Union St. S., Box 567
Concord, N.C. 28025
(704) 786-6161
Stephen H. Slough, Utilities Director
customers: 14,899
1989 MWh generated: 0
1989 MWh purchased: 341,445
1989 MWh sold: 312,545
1989 revenues: $21,172,000
established 1901

Cornelius, Town of*
Box 399
Cornelius, N.C. 28031
(704) 892-6031
Robert Bernot, Town Administrator
customers: 812
1989 MWh generated: 0
1989 MWh purchased: 12,339
1989 MWh sold: 11,647
1989 revenues: $713,000

Dallas, Town of
131 N. Gaston St.
Dallas, N.C. 28034
(704) 922-3176
John Ferguson, Public Utilities Director
customers: 2,654
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 43,612
from nonutilities: 510
1989 MWh sold: 37,969
1989 revenues: $2,568,000
established 1925

Drexel, Town of*
Box 188
Drexel, N.C. 28619
(704) 437-7421
Morris Baker, Town Manager
customers: 1,118
1989 MWh generated: 0
1989 MWh purchased: 16,649
1989 MWh sold: 14,889
1989 revenues: $1,061,000
established 1927

Edenton, Town of*
Box 300
Edenton, N.C. 27932
(919) 482-4144
William Crummey, Director of Utilities
customers: 3,400
nameplate capacity (kW): unavailable
1989 MWh generated: 24
1989 MWh purchased: 87,121
1989 MWh sold: 80,527
1989 revenues: $6,335,000
established 1900

Elizabeth City, City of*
300 E. Colonial Ave.
Elizabeth City, N.C. 27909
(919) 338-3981
Ronnie Dail, Electric Director
customers: 9,301
1989 MWh generated: 0
1989 MWh purchased: 219,276
1989 MWh sold: 198,285
1989 revenues: $15,479,000
established 1923

Enfield, Town of
Box 695
Enfield, N.C. 27823
(919) 445-3146
Joseph N. Adkins, Utility Director
customers: 1,603
1989 MWh generated: 0
1989 MWh purchased: 24,400
1989 MWh sold: 21,600
1989 revenues: $2,064,000

Farmville, Town of*
124 N. Main St.
Farmville, N.C. 27828
(919) 753-3021
C. W. Modlin Jr., Director of Utilities
customers: 2,440
1989 MWh generated: 0
1989 MWh purchased: 57,000
1989 MWh sold: retail: 42,899
wholesale: 4,820
1989 revenues: retail: $3,153,000
wholesale: $312,000
established 1915

Fayetteville Public Works Commission*
508 Person St., Box 1089
Fayetteville, N.C. 28302
(919) 483-1401
Timothy Wood, General Manager
customers: 58,653
nameplate capacity (kW): gas: 230,400; other: 73,000
1989 MWh generated: 160,917
1989 MWh purchased: 1,483,915
1989 MWh sold: retail: 1,517,316
wholesale: 3,230
1989 revenues: retail: $102,154,000
wholesale: $224,000
established 1905

Forest City, Town of
12 N. Powell St., Box 728
Forest City, N.C. 28043
(704) 245-4747
Chuck Summey, Town Manager
customers: 4,368
1989 MWh generated: 0
1989 MWh purchased: 130,000
1989 MWh sold: 124,000
1989 revenues: $7,318,000

Fountain, Town of*
Box 134
Fountain, N.C. 27829
(919) 749-2881
Robert Drew, Director
customers: 346
1989 MWh generated: 0
1989 MWh purchased: 4,820
1989 MWh sold: 4,492
1989 revenues: $342,000
established 1936

Fremont, Town of*
Box 818
Fremont, N.C. 27830
(919) 242-5151
Ray Radford, Public Works Director
customers: 922
1989 MWh generated: 0
1989 MWh purchased: 14,129
1989 MWh sold: 13,347
1989 revenues: $1,090,000

Gastonia, City of*
Box 1748
Gastonia, N.C. 28052
(704) 866-6823
Dale F. Becker, Director
customers: 22,011
1989 MWh generated: 0
1989 MWh purchased: 555,278
1989 MWh sold: 532,439
1989 revenues: $34,600,000
established 1900

Granite Falls, Town of*
30 Park Square
Granite Falls, N.C. 28630
(704) 396-3131
Linda K. Story, Town Manager
customers: 1,657
1989 MWh generated: 0
1989 MWh purchased: 37,714
1989 MWh sold: 33,759
1989 revenues: $2,540,000

Greenville Utilities Commission*
200 W. Fifth St., Box 1847
Greenville, N.C. 27835
(919) 752-7166
Malcolm A. Green, General Manager
customers: 33,998
1989 MWh generated: 0
1989 MWh purchased: 1,023,488
1989 MWh sold: retail: 945,668
wholesale: 22,531
1989 revenues: retail: $69,645,000
wholesale: $1,502,000
established 1905

Hamilton, Town of*
Box 249
Hamilton, N.C. 27840
(919) 798-2001
Kathryn N. Moore, Town Clerk
customers: 240
1989 MWh generated: 0
1989 MWh purchased: 3,779
1989 MWh sold: 3,282
1989 revenues: $262,000
established 1922

Hertford, Town of*
Box 32
Hertford, N.C. 27944
(919) 426-5311
Bill Cox, Town Manager
customers: 1,404
1989 MWh generated: 0
1989 MWh purchased: 21,932
1989 MWh sold: 19,210
1989 revenues: $1,585,000
established 1918

High Point, City of*
211 S. Hamilton St.
High Point, N.C. 27261
(919) 883-3172
Lloyd D. Shank Jr., Director of Electric Utilities
customers: 29,961
1989 MWh generated: 0
1989 MWh purchased: 748,596
1989 MWh sold: 696,930

NORTH CAROLINA *(continued)*

1989 revenues: $48,109,000
established 1892

Highlands
Box 460
Highlands, N.C. 28741
(704) 526-2118
Arnold Keener, Superintendent
customers: 2,300
1989 MWh generated: 0
1989 MWh purchased: 26,916
1989 MWh sold: 22,289
1989 revenues: $1,442,000
established 1926

Hobgood, Town of*
Box 217
Hobgood, N.C. 27843
(919) 826-4573
Alex Coggin, Electric Commissioner
customers: 327
1989 MWh generated: 0
1989 MWh purchased: 4,230
1989 MWh sold: 3,615
1989 revenues: $353,000
established 1973

Hookerton, Town of*
227 E. Main St., Box 296
Hookerton, N.C. 28538
(919) 747-3816
Christy Letchworth, Town Clerk
customers: 351
1989 MWh generated: 0
1989 MWh purchased: 5,523
1989 MWh sold: 4,897
1989 revenues: $400,000

Huntersville, Town of*
Box 664
Huntersville, N.C. 28078
(704) 875-6541
Steve Carpenter, Town Manager
customers: 1,103
1989 MWh generated: 0
1989 MWh purchased: 22,357
1989 MWh sold: 22,201
1989 revenues: $1,340,000

Kings Mountain, City of*
103 W. Gold St., Box 429
Kings Mountain, N.C. 28086
(704) 734-0333
Jimmy Maney, Utilities Director
customers: 3,888
1989 MWh generated: 0
1989 MWh purchased: 91,081
1989 MWh sold: 89,694
1989 revenues: $6,365,000
established 1903

Kinston, City of*
207 E. King St., Box 339
Kinston, N.C. 28502
(919) 559-4253
Ronald D. Wicker, Director
customers: 12,535
1989 MWh generated: 0
1989 MWh purchased: 367,284
1989 MWh sold: 348,463
1989 revenues: $25,504,000

La Grange, Town of*
120 E. Railroad St.
La Grange, N.C. 28551
(919) 566-3186
Thomas Monsees, Utilities Director
customers: 1,552
1989 MWh generated: 0
1989 MWh purchased: 22,021
1989 MWh sold: 20,108
1989 revenues: $1,863,000

Lake Lure, City of
Box 255
Lake Lure, N.C. 28746
(704) 625-9396
F. E. Isenhour Jr., Finance Officer
customers: unavailable
nameplate capacity (kW): hydro: 3,600
1989 MWh generated: 9,235
1989 MWh purchased: 0
1989 MWh sold: wholesale: 9,235
1989 revenues: wholesale: $388,000

Landis, Town of*
136 N. Central Ave.
Landis, N.C. 28088
(704) 857-2411
Bobby O. Wood, Director
customers: 2,435
1989 MWh generated: 0
1989 MWh purchased: 36,095
1989 MWh sold: 32,673
1989 revenues: $2,338,000

Laurinburg, City of*
303 W. Church St., Box 249
Laurinburg, N.C. 28352
(919) 276-8324
Peter G. Vandenberg, City Manager
customers: 5,033
1989 MWh generated: 0
1989 MWh purchased: 110,552
1989 MWh sold: 102,088
1989 revenues: $7,828,000
established 1925

Lexington, City of*
28 W. Center St.
Lexington, N.C. 27292
(704) 243-2489
B. Paul Webster Jr., Superintendent of Lights
customers: 19,100
1989 MWh generated: 0
1989 MWh purchased: 412,071
1989 MWh sold: 381,497
1989 revenues: $25,935,000
established 1902

Lincolnton, City of*
114 W. Sycamore St.
Lincolnton, N.C. 28092
(704) 732-2281
David E. Lowe, City Manager
customers: 2,512
1989 MWh generated: 0
1989 MWh purchased: 58,206
1989 MWh sold: 45,302
1989 revenues: $3,280,000
established 1900

Louisburg, Town of*
110 W. Nash St.
Louisburg, N.C. 27549
(919) 496-3406
C. L. Gobble, Town Administrator
customers: 1,812
1989 MWh generated: 0
1989 MWh purchased: 45,400
1989 MWh sold: 38,000
1989 revenues: $3,505,000

Lucama, Town of*
111 Main St.
Lucama, N.C. 27851
(919) 239-0560
Donnie H. Barnes, Utilities Director
customers: 1,079
1989 MWh generated: 0
1989 MWh purchased: 14,335
1989 MWh sold: 13,826
1989 revenues: $1,406,000

Lumberton, City of*
420 Halsey St.
Lumberton, N.C. 28358
(919) 739-6031
Wayne Hedgpeth, Director
customers: 8,562
1989 MWh generated: 0
1989 MWh purchased: 258,744
1989 MWh sold: 251,174
1989 revenues: $17,377,000
established 1907

Macclesfield, Town of*
Box 185
Macclesfield, N.C. 27852
(919) 827-4823
Phillip Wainwright, Town Superintendent
customers: 258
1989 MWh generated: 0
1989 MWh purchased: 4,000
1989 MWh sold: 3,200
1989 revenues: $364,000
established 1928

Maiden, Town of*
113 W. Main St., Box 125
Maiden, N.C. 28650
(704) 428-8178
Marshall Shepherd, Town Manager
customers: 909
1989 MWh generated: 0
1989 MWh purchased: 56,024
1989 MWh sold: 52,098
1989 revenues: $3,166,000
established 1928

Monroe, City of*
300 W. Crowell St., Box 69
Monroe, N.C. 28111-0069
(704) 289-8557
James E. Hinkel, City Manager
customers: 8,248
1989 MWh generated: 0
1989 MWh purchased: 392,654
1989 MWh sold: 38[illegible]71
1989 revenues: $23,209,000
established 1898

Morganton, City of*
201 W. Meeting St.
Morganton, N.C. 28655
(704) 438-5276
Jay Coffey, Director of Public Utilities
customers: 7,194
1989 MWh generated: 0
1989 MWh purchased: 264,364
1989 MWh sold: 246,174
1989 revenues: $15,115,000
established 1908

Murphy, City of*
301 Peachtree St., Box 130
Murphy, N.C. 28906
(704) 837-2211
John Carringer, Manager
customers: 3,160
1989 MWh generated: 0
1989 MWh purchased: 138,064 (TVA)
1989 MWh sold: 133,526
1989 revenues: $7,832,000
established 1922

New Bern, City of*
300 Pollock St.
New Bern, N.C. 28560
(919) 636-4051
Charles H. Kimbrell, Director
customers: 13,919
1989 MWh generated: 0
1989 MWh purchased: 354,770
1989 MWh sold: 331,375
1989 revenues: $25,231,000
established 1906

New River Light & Power Co.*
Winkler's Creek Road, Box 1130
Boone, N.C. 28607
(704) 264-3671
Donald R. Austin, General Manager
customers: 6,170
1989 MWh generated: 0
1989 MWh purchased: 168,988
1989 MWh sold: 160,257
1989 revenues: $9,887,000
established 1915

Newton, City of*
401 N. Main Ave., Box 550
Newton, N.C. 28658
(704) 465-7400
Richard L. French, City Manager
customers: 3,631
1989 MWh generated: 0
1989 MWh purchased: 84,682
1989 MWh sold: 77,164
1989 revenues: $5,072,000
established 1907

Oak City, Town of
Box 298
Oak City, N.C. 27857
(919) 798-7721
Laurie D. Joyner, Clerk
customers: 240
1989 MWh generated: 0
1989 MWh purchased: 3,268
1989 MWh sold: 2,886
1989 revenues: $237,000

Pikeville, Town of*
Box 9
Pikeville, N.C. 27863
(919) 242-5126
Robert W. Davy, Town Administrator
customers: 724
1989 MWh generated: 0
1989 MWh purchased: 8,713
1989 MWh sold: 7,972
1989 revenues: $621,000
established 1934

Pinetops, Town of*
Drawer C
Pinetops, N.C. 27864
(919) 827-4435
Milton Carlton, Clerk
customers: 750
1989 MWh generated: 0
1989 MWh purchased: 14,925
1989 MWh sold: 14,776
1989 revenues: $1,417,000
established 1925

Pineville Electric Co.*
118 College St., Box 249
Pineville, N.C. 28134
(704) 889-2291
Mary Ann Creech, Town Administrator
customers: 1,899
1989 MWh generated: 0
1989 MWh purchased: 39,000
1989 MWh sold: 35,100
1989 revenues: $2,651,000
established 1934

Red Springs, Town of*
217 S. Main St.
Red Springs, N.C. 28377
(919) 843-5241
Paul Morrison, Superintendent
customers: 1,867
1989 MWh generated: 0
1989 MWh purchased: 28,975
1989 MWh sold: 24,128
1989 revenues: $2,169,000
established 1920

Robersonville, City of*
Box 487
Robersonville, N.C. 27871
(919) 795-3511
Ralph S. Mobley, Town Administrator
customers: 1,270
1989 MWh generated: 0
1989 MWh purchased: 32,611
1989 MWh sold: 28,995
1989 revenues: $2,165,000
established 1914

Rocky Mount, City of*
1 Government Plaza, Box 1180
Rocky Mount, N.C. 27802

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

(919) 972-1325
William H. Batchelor, City Manager
customers: 24,389
1989 MWh generated: 0
1989 MWh purchased: 759,221
1989 MWh sold: retail: 703,461
wholesale: 15,955
1989 revenues: retail: $46,574,000
wholesale: $936,000
established 1902

Scotland Neck, Town of*
1310 Main St., Box 537
Scotland Neck, N.C. 27874
(919) 826-3152
Radford Thomas, Town Administrator
customers: 1,857
1989 MWh generated: 0
1989 MWh purchased: 31,560
1989 MWh sold: 28,939
1989 revenues: $2,455,000

Selma, Town of*
100 N. Raiford St.
Selma, N.C. 27576
(919) 965-9841
Fred Murray, Electric Superintendent
customers: 2,154
1989 MWh generated: 0
1989 MWh purchased: 47,000
1989 MWh sold: 41,000
1989 revenues: $3,404,000

Sharpsburg, Town of*
Box 1759
Sharpsburg, N.C. 27878
(919) 446-9441
Wayne Cochran, Superintendent of Lights
customers: 1,130
1989 MWh generated: 0
1989 MWh purchased: 15,955
1989 MWh sold: 14,423
1989 revenues: $1,182,000
established 1920

Shelby, City of*
City Hall, Box 207
Shelby, N.C. 28150
(704) 484-6866
Smith Lingerfelt, Electric Manager
customers: 7,595
1989 MWh generated: 0
1989 MWh purchased: 164,560
1989 MWh sold: 153,838
1989 revenues: $10,956,000
established 1913

Smithfield, City of*
116 S. Fourth St., Box 761
Smithfield, N.C. 27577
(919) 934-2116
Ralph A. Clark, City Manager
customers: 4,427
1989 MWh generated: 0
1989 MWh purchased: 110,551
1989 MWh sold: 101,707
1989 revenues: $8,203,000

Southport, City of*
201 E. Moore St.
Southport, N.C. 28461
(919) 457-6911
Nelson Smith, City Manager
customers: 1,970
1989 MWh generated: 0
1989 MWh purchased: 37,262
1989 MWh sold: 34,518
1989 revenues: $3,099,000
established 1910

Stantonsburg, Town of*
108 E. Commercial Ave., Box 10
Stantonsburg, N.C. 27883
(919) 238-3608
Roland L. Gardner, Town Manager
customers: 976
1989 MWh generated: 0
1989 MWh purchased: 14,700
1989 MWh sold: 13,600
1989 revenues: $1,313,000
established 1928

Statesville, City of*
915 Winston Ave., Box 1111
Statesville, N.C. 28677
(704) 873-7729
Larry M. Cranford, Director of Electric Utilities
customers: 11,049
1989 MWh generated: 0
1989 MWh purchased: 358,215
1989 MWh sold: 332,753
1989 revenues: $23,638,000
established 1889

Tarboro, Town of*
500 Main St., Box 220
Tarboro, N.C. 27886
(919) 641-4252
Ricky Page, Director
customers: 6,684
1989 MWh generated: 0
1989 MWh purchased: 232,638
1989 MWh sold: 219,910
1989 revenues: $15,702,000
established 1898

Wake Forest, Town of*
401 Elm St.
Wake Forest, N.C. 27587
(919) 556-2024
Jerry A. Walters, Town Administrator
customers: 2,620
1989 MWh generated: 0
1989 MWh purchased: 48,882
1989 MWh sold: 44,830
1989 revenues: $3,821,000
established 1909

Walstonburg, Town of*
E. Railroad St., Box 126
Walstonburg, N.C. 27888
(919) 753-5667
W. S. Warren, Utility Director
customers: 136
1989 MWh generated: 0
1989 MWh purchased: 2,009
1989 MWh sold: 1,626
1989 revenues: $172,000
established 1922

Washington, City of*
102 E. Second St.
Washington, N.C. 27889
(919) 946-1033
E.D. Burchins, City Manager
customers: 10,184
1989 MWh generated: 0
1989 MWh purchased: 225,063
1989 MWh sold: 208,793
1989 revenues: $18,068,000
established 1910

Waynesville, City of
106 S. Main St.
Waynesville, N.C. 28786
(704) 456-3515
John Yarborough, Superintendent
customers: 2,656
1989 MWh generated: 0
1989 MWh purchased: 51,325
1989 MWh sold: 46,837
1989 revenues: $3,669,000

Wilson, City of*
112 N. Goldsboro St., Box 10
Wilson, N.C. 27893
(919) 291-7135
Charles W. Whitley Jr., Director of Utilities
customers: 28,579
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 894,382
1989 MWh sold: retail: 769,186
wholesale: 56,783
[illegible] retail: $52,425,000
[illegible]ale: $3,556,000
est[illegible]2

Windsor, Town of
Box 508
Windsor, N.C. 27983
(919) 794-2331
David Overton, Administrator
customers: 1,550
1989 MWh generated: 0
1989 MWh purchased: 31,730
1989 MWh sold: 29,714
1989 revenues: $2,222,000
established 1900

Winterville, Town of*
Box 431
Winterville, N.C. 28590
(919) 756-2221
Elwood Nobles, Town Clerk
customers: 1,247
1989 MWh generated: 0
1989 MWh purchased: 0
1989 MWh sold: 19,930
1989 revenues: $1,640,000
established 1912

North Dakota

Cavalier, City of+ *
Box B
Cavalier, N.D. 58220
(701) 265-8668
Robert Kihne, Manager
customers: 877
1989 MWh generated: 0
1989 MWh purchased: 20,384
1989 MWh sold: 17,601
1989 revenues: $795,000
established 1928

Grafton, City of*
5 E. Fourth St., Box 578
Grafton, N.D. 58237
(701) 352-2180
Bruce Lenz, Power Superintendent
customers: 2,780
1989 MWh generated: 0
1989 MWh purchased: 63,569
1989 MWh sold: 56,131
1989 revenues: $2,699,000
established 1895

Hillsboro, City of+ *
204 Second Ave. N.W.
Hillsboro, N.D. 58045
(701) 436-4620
Carl Tessin, Superintendent
customers: 998
1989 MWh generated: 0
1989 MWh purchased: 19,770
1989 MWh sold: 17,950
1989 revenues: $787,000

Hope Municipal Utilities
1 Main St., Box 189
Hope, N.D. 58046
(701) 945-2772
Peggy Metzger, City Auditor
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: 5,600
1989 MWh sold: 5,515
1989 revenues: retail: $190,000
wholesale: $192,000
established 1920

Lakota, City of+ *
Box 505
Lakota, N.D. 58344
(701) 247-2454
Kenneth Hulstrand, Mayor
customers: 575
1989 MWh generated: 0
1989 MWh purchased: 12,543
1989 MWh sold: 11,030
1989 revenues: $414,000
established 1930

Maddock, City of*
Second St. and Dakota Ave.
Maddock, N.D. 58348
(701) 438-2252
Frank Mosser, Superintendent
customers: 320
1989 MWh generated: 0
1989 MWh purchased: 5,195
1989 MWh sold: 4,579
1989 revenues: $326,00

Northwood, City of+ *
Box 397
Northwood, N.D. 58267
(701) 587-6291
Art Johnson, City Superintendent
customers: 579
1989 MWh generated: 0
1989 MWh purchased: 14,779
1989 MWh sold: 12,862
1989 revenues: $683,000
established 1912

Park River, City of
Box C
Park River, N.D. 58270
(701) 284-6399
Dennis L. Larson, Superintendent
customers: 851
1989 MWh generated: 0
1989 MWh purchased: 21,667
1989 MWh sold: 18,515
1989 revenues: $933,000
established 1901

Sharon Light & Power Department
Sharon, N.D. 58277
(701) 524-2377
Gary Johnson, Mayor
customers: 75
1989 MWh generated: 0
1989 MWh purchased: 1,806
1989 MWh sold: 1,416
1989 revenues: $52,000

Stanton, City of
109 Harmon Ave.
Stanton, N.D. 58571
(701) 745-3202
Raymond Brown, Maintenance Supervisor
customers: 255
1989 MWh generated: 0
1989 MWh purchased: 3,917
1989 MWh sold: 3,780
1989 revenues: $306,000
established 1974

Valley City Public Works Department+ *
254 Second Ave. N.E.
Valley City, N.D. 58072
(701) 845-5149
LeRoy J. Neubauer, Director
customers: 4,092
1989 MWh generated: 0
1989 MWh purchased: 92,478
1989 MWh sold: 86,515
1989 revenues: $2,861,000
established 1897

Ohio

Amherst, City of*
647 Park Ave.
Amherst, Ohio 44001
(216) 984-2146
Donald Woodings, Superintendent
customers: 3,802
nameplate capacity (kW) unavailable
1989 MWh generated: 60,972

1989 MWh purchased: 0
1989 MWh sold: 56,513
1989 revenues: $3,315,000

Arcadia, Village of
104 Gibson St.
Arcadia, Ohio 44804
(419) 894-6009
Village Administrator
customers: 255
1989 MWh generated: 0
1989 MWh purchased: 3,900
1989 MWh sold: 3,700
1989 revenues: $207,000

Arcanum, City of
104 W. South St.
Arcanum, Ohio 45304
(513) 692-8565
Michael Clark, Superintendent
customers: 1,662
1989 MWh generated: 0
1989 MWh purchased: 22,623
1989 MWh sold: 19,059
1989 revenues: $1,103,000
established 1905

Beach City, City of*
301 N. Church Ave.
Beach City, Ohio 44608
(216) 756-2682
Robert Raff, Superintendent
customers: 8[illegible]1
1989 MWh generated: 0
1989 MWh purchased: 8,140
1989 MWh sold: 6,910
1989 revenues: $447,000
established 1919

Bethel, City of
120 N. Main St.
Bethel, Ohio 45106
(513) 734-2243
Dennis Barton, Superintendent
customers: 1,465
1989 MWh generated: 0
1989 MWh purchased: 22,000
1989 MWh sold: 21,000
1989 revenues: $1,693,000
established 1904

Blanchester Board of Public Affairs
Box 158
Blanchester, Ohio 45107
(513) 783-2141
Donald Walker, Director of Utilities
customers: 2,065
1989 MWh generated: 0
1989 MWh purchased: 42,200
1989 MWh sold: 38,700
1989 revenues: $1,901,000
established 1895

Bloomdale, Village of*
Box 218
Bloomdale, Ohio 44817
(419) 454-2941
Ray Taylor, Village Administrator
customers: 292
1989 MWh generated: 0
1989 MWh purchased: 3,396
1989 MWh sold: 2,960
1989 revenues: $174,000

Bowling Green, City of*
304 N. Church St., Box 388
Bowling Green, Ohio 43402
(419) 354-6246
Daryl D. Stockburger, Utilities Director
customers: 10,621
1989 MWh generated: 0
1989 MWh purchased: 277,000
1989 MWh sold: retail: 259,000
wholesale: 3,000
1989 revenues: retail: $13,476,000
wholesale: $157,000
established 1942

Bradner, Village of
Box 599
Bradner, Ohio 43405
(419) 288-2773
Richard Fairbanks, Electrical Supervisor
customers: 513
1989 MWh generated: 0
1989 MWh purchased: 7,000
1989 MWh sold: 6,250
1989 revenues: $418,000

Brewster, City of
910 S. Wabash Ave., Box 86
Brewster, Ohio 44613
(216) 767-3312
Leland Heath, Superintendent
customers: 940
1989 MWh generated: 0
1989 MWh purchased: 28,455
1989 MWh sold: 25,791
1989 revenues: $1,408,000
established 1912

Bryan, City of*
841 E. Edgerton St.
Bryan, Ohio 43506
(419) 636-4232
Stanley K. Day, Director of Utilities
customers: 4,750
nameplate capacity (kW): gas: 36,800; oil: 2,500
1989 MWh generated: 1,262
1989 MWh purchased: 181,126
1989 MWh sold: 175,460
1989 revenues: $8,308,000
established 1898

Carey, Village of*
127 N. Vance St.
Carey, Ohio 43316
(419) 396-7681
Alden Hatch, Village Administrator
customers: 1,716
1989 MWh generated: 0
1989 MWh purchased: 78,504
1989 MWh sold: 76,569
1989 revenues: $3,175,000
established 1909

Celina, City of*
426 W. Market St., Box 297
Celina, Ohio 45822
(419) 586-6464
Thomas A. Schwartz, Director of Public Service
customers: 6,717
1989 MWh generated: 0
1989 MWh purchased: 141,356
1989 MWh sold: 129,670
1989 revenues: $6,275,000
established 1900

Cleveland Public Power*
1201 Lakeside Ave.
Cleveland, Ohio 44114
(216) 664-3922
George S. Pofok, Commissioner
customers: 51,895
nameplate capacity (kW): coal: 160,000; gas: 48,000
1989 MWh generated: 4,410
1989 MWh purchased: 803,847
1989 MWh sold: 656,709
1989 revenues: $48,239,000
established 1905

Clyde Light & Power*
222 N. Main St.
Clyde, Ohio 43410
(419) 547-0575
Dennis Benesh, Superintendent
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1989

Columbiana, Village of
28 W. Friend St.
Columbiana, Ohio 44408
(216) 482-2173
Albert E. Wardingley, Village Manager
customers: 2,472
1989 MWh generated: 0
1989 MWh purchased: 44,334
1989 MWh sold: 38,718
1989 revenues: $2,338,000

Columbus Division of Electricity+ *
910 Dublin Road
Columbus, Ohio 43215
(614) 645-8371
Henry A. Bell, Administrator
customers: 9,617
nameplate capacity (kW): other: 90,000
1989 MWh generated: 406,704
1989 MWh purchased: 208,379
1989 MWh sold: retail: 525,218
wholesale: 2,356
1989 revenues: retail: $27,620,000
wholesale: $71,000
established 1898

Custar, City of*
9063 High St.
Custar, Ohio 43511
(419) 669-3537
Barbara Clink, Clerk
customers: 118
1989 MWh generated: 0
1989 MWh purchased: 1,486
1989 MWh sold: 1,337
1989 revenues: $114,000

Cuyahoga Falls, City of*
2550 Bailey Road
Cuyahoga Falls, Ohio 44221
(216) 923-9921
Robert L. Bye, Superintendent
customers: 19,493
nameplate capacity (kW): unavailable
1989 MWh generated: 308
1989 MWh purchased: 278,645
1989 MWh sold: 253,292
1989 revenues: $17,735,000
established 1888

Cygnet, Village of*
Box 406
Cygnet, Ohio 43413
(419) 655-2536
Tom Strickland, Superintendent
customers: 255
1989 MWh generated: 0
1989 MWh purchased: 2,560
1989 MWh sold: 2,174
1989 revenues: $179,000
established 1916

Deshler Municipal Utilities*
101 E. Main St.
Deshler, Ohio 43516-1263
(419) 278-1831
Willis Schwiebert, Superintendent
customers: 1,042
1989 MWh generated: 0
1989 MWh purchased: 18,514
1989 MWh sold: 16,401
1989 revenues: $902,000
established 1916

Dover, City of*
303 E. Broadway
Dover, Ohio 44622
(216) 343-7725
David G. Borland, Light Plant Superintendent
customers: 5,863
nameplate capacity (kW): coal: 33,000; oil: 2,700
1989 MWh generated: 59,869
1989 MWh purchased: 105,847
1989 MWh sold: 148,319
1989 revenues: $7,415,000
established 1909

Edgerton, Village of*
Box 609
Edgerton, Ohio 43517
(419) 298-2912
Dale A. Mathys, Village Administrator
customers: 885
1989 MWh generated: 0
1989 MWh purchased: 21,800
1989 MWh sold: 19,930
1989 revenues: $1,102,000
established 1937

Eldorado, City of
200 N. Main St.
Eldorado, Ohio 45321
(513) 273-2032
Steve Ott, President, Board of Public Affairs
customers: 256
1989 MWh generated: 0
1989 MWh purchased: 3,252
1989 MWh sold: 2,784
1989 revenues: $170,000
established 1940

Elmore, Village of*
340 Clinton St.
Elmore, Ohio 43416
(419) 862-3454
Merle Harder, Superintendent
customers: 768
1989 MWh generated: 0
1989 MWh purchased: 8,219
1989 MWh sold: 7,050
1989 revenues: $523,000
established 1911

Galion, City of*
700 Primrose St.
Galion, Ohio 44833
(419) 468-5520
Charles M. Davis, Superintendent
customers: 5,885
1989 MWh generated: 0
1989 MWh purchased: 111,056
1989 MWh sold: 96,557
1989 revenues: $5,168,000
established 1888

Genoa, Village of*
509 Main St.
Genoa, Ohio 43430
(419) 855-8419
Robin Marko, Superintendent, Light Plant
customers: 953
1989 MWh generated: 0
1989 MWh purchased: 12,483
1989 MWh sold: 11,168
1989 revenues: $851,000
established 1925

Georgetown, Village of
301 S. Main St.
Georgetown, Ohio 45121
(513) 378-6395
Milford Fisher, Village Administrator
customers: 1,677
1989 MWh generated: 0
1989 MWh purchased: 32,115
1989 MWh sold: 26,925
1989 revenues: $1,725,000

Glouster, Village of
16 Front St.
Glouster, Ohio 45732
(614) 767-3497
Rita A. Eing, Clerk
customers: 983
1989 MWh generated: 0
1989 MWh purchased: 6,415

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1989 MWh sold: 7,738
1989 revenues: $565,000
established 1924

Grafton, Village of*
1009 Chestnut St.
Grafton, Ohio 44044
(216) 926-2401
Frank Boyson, Village Administrator
customers: 863
1989 MWh generated: 0
1989 MWh purchased: 15,843
1989 MWh sold: 14,403
1989 revenues: $887,000

Greenwich, Village of
47 Main St.
Greenwich, Ohio 44837
(419) 752-2441
Mike King, Administrator
customers: 644
1989 MWh generated: 0
1989 MWh purchased: 12,121
1989 MWh sold: 10,552
1989 revenues: $526,000

Hamersville, Village of
Bank and Wooster
Hamersville, Ohio 45130
(513) 379-1745
Debra Ginn, Clerk/Treasurer
customers: 265
1989 MWh generated: 0
1989 MWh purchased: 3,191
1989 MWh sold: 3,191
1989 revenues: $154,000

Hamilton! Department of Public Utilities*
20 High St.
Hamilton, Ohio 45011
(513) 868-5908
E. Leon Daggett, Director of Public Utilities
customers: 25,984
nameplate capacity (kW): coal: 85,600; hydro: 71,800; gas: 52,500
1989 MWh generated: 518,077
1989 MWh purchased: 44,067
1989 MWh sold: retail: 456,076
wholesale: 66,756
1989 revenues: retail: $33,042,000
wholesale: $1,678,000
established 1895

Haskins, Village of
100 N. Church St., Box 236
Haskins, Ohio 43525
(419) 823-1911
Frank Enright, Chief Electrician
customers: 280
1989 MWh generated: 0
1989 MWh purchased: 2,437
1989 MWh sold: 2,436
1989 revenues: $186,000
established 1918

Hubbard, City of*
220 W. Liberty St.
Hubbard, Ohio 44425
(216) 534-3054
Richard Slifko, Utilities Director
customers: 3,409
1989 MWh generated: 0
1989 MWh purchased: 50,832
1989 MWh sold: 46,125
1989 revenues: $2,811,000
established 1919

Hudson Electric Department
27 E. Main St.
Hudson, Ohio 44236
(216) 650-1052
J. W. Rogers, Director of Electric Utilities
customers: 5,071
1989 MWh generated: 0
1989 MWh purchased: 109,367
1989 MWh sold: 93,627
1989 revenues: $6,407,000
established 1911

Jackson, City of*
Box 664
Jackson, Ohio 45640
(614) 286-4415
William McManis, Superintendent
customers: 4,185
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 22,157
from nonutilities: 28,937
1989 MWh sold: 44,016
1989 revenues: $3,024,000
established 1890

Jackson Center, Village of*
122 E. Pike St.
Jackson Center, Ohio 45334
(513) 596-5440
Richard Sailor, Village Administrator
customers: 605
1989 MWh generated: 0
1989 MWh purchased: 19,680
1989 MWh sold: 16,616
1989 revenues: $846,000
established 1920

Lakeview, Village of*
126 N. Main St.
Lakeview, Ohio 43331
(513) 843-2851
Beatrice E. Schaub, Clerk
customers: 863
1989 MWh generated: 0
1989 MWh purchased: 10,313
1989 MWh sold: 9,093
1989 revenues: $503,000
established 1912

Lebanon, City of+ *
50 S. Broadway
Lebanon, Ohio 45036
(513) 932-3060
Robert Newton, Deputy Director/Electric
customers: 5,355
nameplate capacity (kW): gas: 19,700; oil: 17,000
1989 MWh generated: 83
1989 MWh purchased: 104,723
1989 MWh sold: 95,005
1989 revenues: $5,292,000
established 1898

Lodi Board of Public Affairs+ *
Box 95
Lodi, Ohio 44254
(216) 948-1099
Harold Weitzel, Superintendent
customers: 1,719
1989 MWh generated: 0
1989 MWh purchased: 31,658
1989 MWh sold: 27,947
1989 revenues: $1,445,000
established 1942

Lucas, City of*
101 First Ave., Box 213
Lucas, Ohio 44843
(419) 892-2178
Al Briner, Village Administrator
customers: 321
1989 MWh generated: 0
1989 MWh purchased: 4,021
1989 MWh sold: 3,980
1989 revenues: $241,000

Marshallville, City of
Box 227
Marshallville, Ohio 44645
(216) 855-4241
Marilyn Hardgrove, Clerk
customers: 401
1989 MWh generated: 0
1989 MWh purchased: 5,379
1989 MWh sold: 4,733
1989 revenues: $319,000

Mendon, City of*
E. Market St., Box 167
Mendon, Ohio 45862
(419) 795-7131
Randy Stein, Utility Superintendent
customers: 351
1989 MWh generated: 0
1989 MWh purchased: 4,660
1989 MWh sold: 4,321
1989 revenues: $249,000

Milan, Village of
9 E. Church St.
Milan, Ohio 44846
(419) 499-2133
Larry Doerner, Electrical Superintendent
customers: 677
1989 MWh generated: 0
1989 MWh purchased: 8,952
1989 MWh sold: 7,400
1989 revenues: $506,000
established 1907

Minster, Village of+ *
Box 1
Minster, Ohio 45865
(419) 628-2850
Joseph F. Bruns, Superintendent
customers: 1,188
1989 MWh generated: 0
1989 MWh purchased: 63,952
1989 MWh sold: 62,563
1989 revenues: $2,873,000
established 1910

Monroeville, City of+ *
2 S. Main St.
Monroeville, Ohio 44847
(419) 465-2922
Joe Gravenhorst, Superintendent
customers: 797
1989 MWh generated: 0
1989 MWh purchased: 31,000
1989 MWh sold: 29,000
1989 revenues: $1,382,000
established 1906

Montpelier, City of*
211 N. Jonesville St.
Montpelier, Ohio 43543
(419) 485-3693
John H. Bitler, Administrator
customers: 2,064
1989 MWh generated: 0
1989 MWh purchased: 43,378
1989 MWh sold: 40,050
1989 revenues: $2,322,000
established 1893

Napoleon, City of+ *
255 Riverview Ave., Box 151
Napoleon, Ohio 43545
(419) 592-4010
Richard Barnes, Electric Distribution Superintendent
customers: 5,061
1989 MWh generated: 0
1989 MWh purchased: 128,485
1989 MWh sold: 119,636
1989 revenues: $7,216,000
established 1894

New Bremen, Village of*
214 N. Washington St., Box 27
New Bremen, Ohio 45869
(419) 629-2827
Clarence B. Art, Village Administrator
customers: 1,180
1989 MWh generated: 0
1989 MWh purchased: 48,243
1989 MWh sold: 45,899
1989 revenues: $2,006,000
established 1908

New Knoxville Light Department*
Box 246
New Knoxville, Ohio 45871
(419) 753-2160
Robert Scheblo, Village Administrator
customers: 409
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 2,933
from nonutilities: 4,754
1989 MWh sold: retail: 4,837
wholesale: 2,369
1989 revenues: retail: $278,000
wholesale: $3,000

Newton Falls, City of*
19 N. Canal St.
Newton Falls, Ohio 44444
(216) 872-5990
Dennis Kirkland, Utility Superintendent
customers: 2,235
1989 MWh generated: 0
1989 MWh purchased: 38,078
1989 MWh sold: 36,620
1989 revenues: $2,389,000

Niles, City of
34 W. State St.
Niles, Ohio 44446
(216) 652-2622
John E. Coughlin, Superintendent of Light
customers: 11,402
1989 MWh generated: 0
1989 MWh purchased: 237,312
1989 MWh sold: 211,870
1989 revenues: $13,284,000
established 1898

Oak Harbor Utilities*
146 Church St., Box 232
Oak Harbor, Ohio 43449
(419) 898-3231
Donald Diosi, Village Administrator
customers: 1,312
1989 MWh generated: 0
1989 MWh purchased: 19,392
1989 MWh sold: 17,074
1989 revenues: $1,224,000
established 1914

Oberlin, City of+ *
289 S. Professor St.
Oberlin, Ohio 44074
(216) 775-1531
Shashikant Mehta, Director, Light & Power System
customers: 2,888
nameplate capacity (kW): gas: 8,200; oil: 3,700
1989 MWh generated: 3,658
1989 MWh purchased: 71,613
1989 MWh sold: 73,080
1989 revenues: $3,337,000
established 1934

Ohio City, Village of*
Box 248
Ohio City, Ohio 45874
(419) 965-2255
Debby S. Strickler, Clerk
customers: 486
1989 MWh generated: 0
1989 MWh purchased: 6,551
1989 MWh sold: 6,298
1989 revenues: $348,000
established 1930

Orrville, City of+ *
207 N. Main St.
Orrville, Ohio 44667
(216) 683-8715
Robert A. Nichols, Director of Utilities
customers: 5,577
nameplate capacity (kW): coal: 84,500
1989 MWh generated: 282,861
1989 MWh purchased: 80,751
1989 MWh sold: retail: 224,038
wholesale: 90,346
1989 revenues: retail: $12,098,000

wholesale: $2,593,000
established 1917

Painesville, City of
325 Richmond St.
Painesville, Ohio 44077
(216) 352-9301
Lester Nero, City Manager
customers: 9,836
nameplate capacity (kW): coal: 53,500
1989 MWh generated: 91,744
1989 MWh purchased: 85,959
1989 MWh sold: 168,977
1989 revenues: $9,120,000
established 1888

Pemberville, Village of*
115 Main St., Box 109
Pemberville, Ohio 43450
(419) 287-3832
John Lockard, Electric Superintendent
customers: 612
1989 MWh generated: 0
1989 MWh purchased: 14,681
1989 MWh sold: 14,063
1989 revenues: $790,000
established 1914

Pioneer, Village of*
205 S. State St., Box 335
Pioneer, Ohio 43554
(419) 737-2614
Ted Williams, Electric Supervisor
customers: 587
1989 MWh generated: 0
1989 MWh purchased: 18,238
1989 MWh sold: 17,509
1989 revenues: $995,000
established 1912

Piqua Municipal Power System+ *
123 Bridge St.
Piqua, Ohio 45356
(513) 778-2077
Richard Miller, Director
customers: 9,657
nameplate capacity (kW): coal: 44,800; oil: 36,300
1989 MWh generated: 108,915
1989 MWh purchased: 139,015
1989 MWh sold: 233,541
1989 revenues: $12,520,000
established 1933

Plymouth, Village of
49 Sandusky St.
Plymouth, Ohio 44865
(419) 687-4331
James C. Root, Village Administrator
customers: 821
1989 MWh generated: 0
1989 MWh purchased: 10,045
1989 MWh sold: 9,500
1989 revenues: $523,000
established 1900

Prospect Corp.*
139 N. Main St., Box 186
Prospect, Ohio 43342
(614) 494-2115
Kenneth R. Blue, Village Administrator
customers: 642
1989 MWh generated: 0
1989 MWh purchased: 8,102
1989 MWh sold: 7,225
1989 revenues: $509,000
established 1937

Republic Board of Public Affairs
219 Washington St., Box 68
Republic, Ohio 44867
(419) 585-5981
Loyal Cole, Board President
customers: 290

1989 MWh generated: 0
1989 MWh purchased: 2,897
1989 MWh sold: 2,724
1989 revenues: $184,000

Ripley, City of
14 N. Third St.
Ripley, Ohio 45167
(513) 392-4377
Betty Schroth, Clerk
customers: 1,157
1989 MWh generated: 0
1989 MWh purchased: 14,594
1989 MWh sold: 12,206
1989 revenues: $810,000

St. Clairsville, City of
100 Market St.
St. Clairsville, Ohio 43950
(614) 695-1410
Dennis Bigler, Director of Public Service
customers: 2,512
1989 MWh generated: 0
1989 MWh purchased: 36,252
1989 MWh sold: 32,864
1989 revenues: $1,834,000

St. Marys, City of+ *
101 E. Spring St.
St Marys, Ohio 45885
(419) 394-3303
Mike Weadock, Public Service & Safety Director
customers: 3,723
nameplate capacity (kW): coal: 18,500; oil: 800
1989 MWh generated: 46,758
1989 MWh purchased:
  from utilities: 87,143
  from nonutilities: 2,501
1989 MWh sold: retail: 124,736
  wholesale: 2,899
1989 revenues: retail: $5,795,000
  wholesale: $71,000
established 1892

Seville Board of Public Affairs*
44 W. Main St., Box 46
Seville, Ohio 44273
(216) 769-2458
Milton Leohr, Superintendent
customers: 1,269
1989 MWh generated: 0
1989 MWh purchased: 25,650
1989 MWh sold: 21,585
1989 revenues: $1,557,000
established 1914

Shelby, City of*
23 E. Main St., Box 311
Shelby, Ohio 44875
(419) 342-4085
Daniel Hubert, Assistant Superintendent
customers: 4,501
nameplate capacity (kW): coal: 37,500; oil: 3,000
1989 MWh generated: 94,284
1989 MWh purchased: 8,835
1989 MWh sold: 96,452
1989 revenues: $4,920,000
established 1890

Shiloh, Village of
12 W. Main St.
Shiloh, Ohio 44878
(419) 896-2011
Farnum Reeder, Village Administrator
customers: 301
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 4,356
  from nonutilities: 360
1989 MWh sold: 4,688
1989 revenues: $226,000

South Vienna Corp.*
16 N. Urbana
South Vienna, Ohio 45369
(513) 568-4311
John Miller, President
customers: 196
1989 MWh generated: 0
1989 MWh purchased: 3,654
1989 MWh sold: 3,654
1989 revenues: $249,000

Sycamore, City of*
210 S. Sycamore Ave., Box 297
Sycamore, Ohio 44882
(419) 927-4262
Ralph Maenle, Electrical Superintendent
customers: 497
1989 MWh generated: 0
1989 MWh purchased: 11,100
1989 MWh sold: 11,000
1989 revenues: $580,000
established 1930

Tipp City, City of*
260 S. Garber Drive
Tipp City, Ohio 45371
(513) 667-6305
Milton J. Eichman, Director of Utility Service
customers: 3,038
1989 MWh generated: 0
1989 MWh purchased: 81,755
1989 MWh sold: 75,053
1989 revenues: $3,621,000
established 1897

Tontogany, Village of
Tontogany, Ohio 43565
(419) 823-4465
Ralph Wires, President
customers: 185
1989 MWh generated: 0
1989 MWh purchased: 3,000
1989 MWh sold: 3,000
1989 revenues: $182,000
established 1917

Versailles Utilities+ *
177 N. Center St.
Versailles, Ohio 45380
(513) 526-4191
Randy Gump, Superintendent
customers: 1,406
1989 MWh generated: 0
1989 MWh purchased: 36,827
1989 MWh sold: 32,841
1989 revenues: $1,727,000
established 1901

Wadsworth, City of*
145 High St.
Wadsworth, Ohio 44281
(216) 335-1521
William J. Lyren, Director, Public Service
customers: 8,341
1989 MWh generated: 0
1989 MWh purchased: 179,136
1989 MWh sold: 166,716
1989 revenues: $9,011,000
established 1903

Wapakoneta, City of*
102 Perry St.
Wapakoneta, Ohio 45895
(419) 738-7713
Lewis Knoch, Superintendent
customers: 5,010
1989 MWh generated: 0
1989 MWh purchased: 132,000
1989 MWh sold: 131,000
1989 revenues: $5,832,000

Waynesfield, Village of
104 W. Perry St.
Waynesfield, Ohio 45896
(419) 568-1311
Ronald Zimmerman, Superintendent
customers: 415
1989 MWh generated: 0
1989 MWh purchased: 5,728
1989 MWh sold: 4,613
1989 revenues: $322,000
established 1911

Wellington, Village of*
115 Willard Memorial Square
Wellington, Ohio 44090
(216) 647-3827
Robert A. Dupee, Utilities Director
customers: 2,181
1989 MWh generated: 0
1989 MWh purchased: 48,056
1989 MWh sold: 44,690
1989 revenues: $2,995,000
established 1900

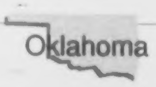
Westerville Electric Division*
139 E. Broadway
Westerville, Ohio 43081
(614) 890-8540
Harold M. Evans, Operations Manager
customers: 11,065
1989 MWh generated: 0
1989 MWh purchased: 282,046
1989 MWh sold: 268,222
1989 revenues: $15,926,000
established 1898

Wharton, Village of
117 W. Sandusky St., Box 266
Wharton, Ohio 43359
(419) 458-3431
Rodger Spath, Clerk/Treasurer
customers: 192
1989 MWh generated: 0
1989 MWh purchased: 2,480
1989 MWh sold: 1,899
1989 revenues: $136,000
established 1935

Woodsfield Board of Public Affairs*
203 Roy St.
Woodsfield, Ohio 43793
(614) 472-0884
Ellis Smithberger, Superintendent
customers: 1,476
nameplate capacity (kW): oil: 8,500
1989 MWh generated: 16,364
1989 MWh purchased: 0
1989 MWh sold: 16,364
1989 revenues: $1,125,000

Woodville, Village of
219 W. Main St.
Woodville, Ohio 43469
(419) 849-3031
James R. Rickard, Village Works Administrator
customers: 860
1989 MWh generated: 0
1989 MWh purchased: 9,202
1989 MWh sold: 8,335
1989 revenues: $564,000

Yellow Springs, Village of
314 Dayton St.
Yellow Springs, Ohio 45387
(513) 767-7202
Kent Bristol, Village Manager
customers: 1,974
1989 MWh generated: 0
1989 MWh purchased: 38,645
1989 MWh sold: 38,645
1989 revenues: $1,912,000



Oklahoma

Altus Municipal Authority*
220 E. Commerce
Altus, Okla. 73521
(405) 477-1950
Joseph Courtney, City Administrator
customers: 8,783

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

1989 MWh generated: 0
1989 MWh purchased: 139,129
1989 MWh sold: 118,342
1989 revenues: $7,693,000
established 1929

Anadarko Public Works Authority
Box 647
Anadarko, Okla. 73005
(405) 247-2481
City Manager
customers: 2,865
1989 MWh generated: 0
1989 MWh purchased: 57,562
1989 MWh sold: 51,230
1989 revenues: $3,199,000

Blackwell, City of*
221 W. Blackwell St., Box 350
Blackwell, Okla. 74631
(405) 363-5490
Joe Dickinson, City Manager
customers: 3,885
1989 MWh generated: 0
1989 MWh purchased: 93,197
1989 MWh sold: retail: 83,029
wholesale: 1,583
1989 revenues: retail: $5,468,000
wholesale: $107,000
established 1913

Braman, Town of
308 Broadway
Braman, Okla. 74632
(405) 385-2169
DeVern L. Miller, Clerk
customers: 196
1989 MWh generated: 0
1989 MWh purchased: 1,582
1989 MWh sold: 1,417
1989 revenues: $143,000
established 1924

Burlington, City of
Box 216
Burlington, Okla. 73722
(405) 431-2550
Ray Thompson, Manager
customers: 100
1989 MWh generated: 0
1989 MWh purchased: 1,338
1989 MWh sold: 1,068
1989 revenues: $113,000
established 1932

Claremore, City of
104 S. Muskogee, Box 249
Claremore, Okla. 74018
(918) 341-2895
Bill Nichols, Electrical Supervisor
customers: 7,555
1989 MWh generated: 0
1989 MWh purchased: 190,557
1989 MWh sold: 173,629
1989 revenues: $10,940,000

Collinsville, City of
Box A
Collinsville, Okla. 74021
(918) 371-2811
Fred Bell, Supervisor, Electric Utility
customers: 1,606
1989 MWh generated: 0
1989 MWh purchased: 24,930
1989 MWh sold: 22,370
1989 revenues: $1,685,000

Comanche, City of*
115 N. Second St.
Comanche, Okla. 73529
(405) 439-8832
Janice Cain, City Manager
customers: 969
1989 MWh generated: 0
1989 MWh purchased: 15,100
1989 MWh sold: 10,310
1989 revenues: $650,000
established 1912

Copan, City of*
Box 219
Copan, Okla. 74022
(918) 352-4114
Jim Morain, City Manager
customers: 407
1989 MWh generated: 0
1989 MWh purchased: 5,205
1989 MWh sold: 3,958
1989 revenues: $222,000
established 1936

Cordell, City of
101 E. Main St., Box 417
Cordell, Okla. 73632
(405) 832-3825
Jean Smith, Clerk
customers: 1,499
1989 MWh generated: 0
1989 MWh purchased: 23,128
1989 MWh sold: 20,229
1989 revenues: $1,424,000
established 1910

Cushing, City of
300 N. Seay St.
Cushing, Okla. 74023
(918) 225-0559
Leroy Alsup, City Manager
customers: 4,325
nameplate capacity (kW): oil: 24,600
1989 MWh generated: 25,757
1989 MWh purchased: 40,740
1989 MWh sold: 56,939
1989 revenues: $1,604,000
established 1935

Duncan, City of*
Eighth & Willow Sts., Box 969
Duncan, Okla. 73533
(405) 252-0250
Don Howland, General Manager
customers: 9,414
1989 MWh generated: 0
1989 MWh purchased: 134,380
1989 MWh sold: 110,720
1989 revenues: $7,942,000
established 1921

Edmond Electric*
315 S.W. 33rd St., Box 2970
Edmond, Okla. 73083
(405) 348-8830
C. Max Speegle, City Manager
customers: 20,346
1989 MWh generated: 0
1989 MWh purchased: 398,056
1989 MWh sold: 361,414
1989 revenues: $23,049,000
established 1912

Eldorado, City of*
Box 190
Eldorado, Okla. 73537
(405) 633-2245
Harold Conwell, Utility Superintendent
customers: 420
1989 MWh generated: 0
1989 MWh purchased: 3,200
1989 MWh sold: 2,650
1989 revenues: $270,000

Fairveiw, City of*
206 E. Broadway, Box 386
Fairview, Okla. 73737
(405) 227-4416
Jim Luckett Jr., City Manager
customers: 1,542
1989 MWh generated: 0
1989 MWh purchased: 26,130
1989 MWh sold: 22,720
1989 revenues: $1,665,000
established 1908

Fort Supply, Town of
Box 156
Fort Supply, Okla. 73841
(405) 766-3211
June Wilson, Clerk
customers: 206
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 2,191
1989 MWh sold: 1,957
1989 revenues: $172,000

Frederick Public Works Authority*
Box 399
Frederick, Okla. 73542
(405) 335-7551
Wm. Charles Martin, City Manager
customers: 2,593
1989 MWh generated: 0
1989 MWh purchased: 52,557
1989 MWh sold: 49,618
1989 revenues: $3,292,000
established 1917

Geary, City of
515 N. Broadway
Geary, Okla. 73040
(405) 884-5466
Ernest Wm. Allen, Superintendent
customers: 754
nameplate capacity (kW): unavailable
1989 MWh generated: 9,125
1989 MWh purchased: 0
1989 MWh sold: 7,927
1989 revenues: $504,000

Goltry Public Works Authority*
Main St., Box 236
Goltry, Okla. 73739
(405) 496-2441
Mary L. Page, Secretary
customers: 177
1989 MWh generated: 0
1989 MWh purchased: 2,200
1989 MWh sold: 1,951
1989 revenues: $132,000

Grand River Dam Authority*
707 S. Wilson St., Box 409
Vinita, Okla. 74301
(918) 256-5545
Ron Coker, General Manager
customers: 66
nameplate capacity (kW): coal:
812,400; hydro: 454,100
1989 MWh generated: 6,438,016
1989 MWh purchased: 126,600
1989 MWh sold: retail: 725,014
wholesale: 3,920,166
1989 revenues: retail: $22,040,000
wholesale: $121,128,000
established 1935

Granite, City of*
420 N. Main St., Box 116
Granite, Okla. 73547
(405) 535-2116
E. J. Hahn, Clerk
customers: 602
1989 MWh generated: 0
1989 MWh purchased: 6,457
1989 MWh sold: 5,231
1989 revenues: $337,000
established 1920

Hominy Public Works Authority*
202 W. Main St., Box 219
Hominy, Okla. 74035
(918) 885-2164
Paul D. O'Keefe, City Manager
customers: 1,616
1989 MWh generated: 0
1989 MWh purchased: 18,900
1989 MWh sold: 15,300
1989 revenues: $1,249,000
established 1936

Kaw City, City of
900 Morgan Square E., Box 26
Kaw City, Okla. 74641
(405) 269-2525
Carolyne Goodwin, Clerk
customers: 175
1989 MWh generated: 0
1989 MWh purchased: 1,836
1989 MWh sold: 1,297
1989 revenues: $120,000

Kingfisher Public Works Authority*
301 N. Main St.
Kingfisher, Okla. 73750
(405) 375-3705
Reuben Pulis, City Manager
customers: 2,107
1989 MWh generated: 0
1989 MWh purchased: 39,000
1989 MWh sold: 32,000
1989 revenues: $2,401,000
established 1900

Laverne, Town of*
115 N. Ohio St., Box 430
Laverne, Okla. 73848
(405) 947-5515
Jay D. McCoy, Electrical Superintendent
customers: 784
1989 MWh generated: 0
1989 MWh purchased: 9,210
1989 MWh sold: 7,755
1989 revenues: $661,000

Lexington, City of*
Box 1180
Lexington, Okla. 73051
(405) 527-6123
Mike Coker, Supervisor
customers: 781
1989 MWh generated: 0
1989 MWh purchased: 9,460
1989 MWh sold: 8,191
1989 revenues: $481,000
established 1951

Lindsay, City of
Box 708
Lindsay, Okla. 73052
(405) 756-2019
Benny Dutton, Director of Public Works
customers: 1,480
nameplate capacity (kW): gas: 14,500
1989 MWh generated: 36
1989 MWh purchased: 21,951
1989 MWh sold: 17,876
1989 revenues: $1,341,000
established 1915

Mangum, City of*
201 N. Oklahoma St.
Mangum, Okla. 73554
(405) 782-2256
Louise Price, City Manager
customers: 2,031
nameplate capacity (kW): gas: 7,700
1989 MWh generated: 589
1989 MWh purchased: 23,510
1989 MWh sold: 19,992
1989 revenues: $1,547,000
established 1929

Manitou Light Department
Box 8
Manitou, Okla. 73555
(405) 397-2241
Genevieve Meadows, City Clerk
customers: 124
1989 MWh generated: 0
1989 MWh purchased: 1,258
1989 MWh sold: 1,198
1989 revenues: $87,000

Mannford, Town of
Box 327
Mannford, Okla. 74044
(918) 865-4314
Helen Freeman, Office Manager
customers: 796
1989 MWh generated: 0
1989 MWh purchased: 19,022
1989 MWh sold: 16,038
1989 revenues: $1,078,000

Marlow, City of*

115 N. Second St., Box 113
Marlow, Okla. 73055
(405) 658-5401
Brant Ball, City Manager
customers: 2,356
1989 MWh generated: 0
1989 MWh purchased: 31,126
1989 MWh sold: 26,838
1989 revenues: $1,643,000

Miami, City of
129 Fifth Ave., N.W., Box 1288
Miami, Okla. 74355
(918) 542-6685
Bob Sherwood, General Manager
customers: 6,491
1989 MWh generated: 0
1989 MWh purchased: 126,188
1989 MWh sold: 122,115
1989 revenues: $6,754,000
established 1910

Mooreland, City of
Box 157
Mooreland, Okla. 73852
(405) 994-5924
Wilbur Ramey, Superintendent
customers: 797
1989 MWh generated: 0
1989 MWh purchased: 7,040
1989 MWh sold: 6,194
1989 revenues: $598,000
established 1908

Newkirk, City of*
106 W. Seventh, Box 469
Newkirk, Okla. 74647
(405) 362-2117
David Haynes, City Manager
customers: 1,175
1989 MWh generated: 0
1989 MWh purchased: 14,802
1989 MWh sold: 12,816
1989 revenues: $1,259,000
established 1918

Okeene Light & Water Department*
213 N. Main St., Drawer F
Okeene, Okla. 73763
(405) 822-3031
Willadean Hendricks, City Clerk
customers: 740
1989 MWh generated: 0
1989 MWh purchased: 14,833
1989 MWh sold: 12,773
1989 revenues: $822,000

Olustee, Town of*
Box 330
Olustee, Okla. 73560
(405) 648-2288
Dorothy Clowdus, City Clerk/
Treasurer
customers: 300
1989 MWh generated: 0
1989 MWh purchased: 3,086
1989 MWh sold: 2,632
1989 revenues: $200,000
established 1923

Orlando, City of
Box 27
Orlando, Okla. 73073
(405) 455-2523
Kathy Golay, Clerk
customers: 87
1989 MWh generated: 0
1989 MWh purchased: 976
1989 MWh sold: 870
1989 revenues: $74,000

Pawhuska, City of*
Box 539
Pawhuska, Okla. 74056
(918) 287-3260
Tim Burd, Utility Superintendent
customers: 1,949
nameplate capacity (kW): oil: 9,000
1989 MWh generated: 24
1989 MWh purchased: 30,987
1989 MWh sold: 26,838
1989 revenues: $2,133,000
established 1907

Pawnee, City of
513 Illinois St.
Pawnee, Okla. 74058
(918) 762-2658
Alford J. Majors, Mayor
customers: 1,440
1989 MWh generated: 0
1989 MWh purchased: 16,000
1989 MWh sold: 14,000
1989 revenues: $1,000,000

Perry, City of
624 Delaware, Drawer 798
Perry, Okla. 73077
(405) 336-4241
Robert Bornt, Manager of Utility
customers: 2,877
1989 MWh generated: 0
1989 MWh purchased: 61,000
1989 MWh sold: 51,000
1989 revenues: $3,870,000
established 1922

Ponca City, City of*
Box 1450
Ponca City, Okla. 74602
(405) 765-6653
Charles L. Silvy, Director of Utilities
customers: 15,700
nameplate capacity (kW): gas:
95,500; oil: 5,000
1989 MWh generated: 10,802
1989 MWh purchased: 267,024
1989 MWh sold: 250,239
1989 revenues: $17,279,000
established 1914

Pond Creek Water & Light Department*
Box 45
Pond Creek, Okla. 73766
(405) 532-6327
Richard Dillon, Superintendent
customers: 536
1989 MWh generated: 0
1989 MWh purchased: 7,135
1989 MWh sold: 6,722
1989 revenues: $538,000

Prague Public Works Authority*
116 N. Broadway
Prague, Okla. 74864
(405) 567-2279
Lavon Hightower, City Manager
customers: 1,139
1989 MWh generated: 0
1989 MWh purchased: 18,835
1989 MWh sold: 18,394
1989 revenues: $1,075,000
established 1902

Pryor, City of
6 N. Adair, Box 249
Pryor, Okla. 74362
(918) 825-2100
Bob Pierson, General Manager
customers: 4,023
1989 MWh generated: 0
1989 MWh purchased: 68,709
1989 MWh sold: 64,902
1989 revenues: $3,828,000
established 1951

Purcell, City of
230 W. Main St.
Purcell, Okla. 73080
(405) 527-6561
Robert Collings, City Manager
customers: 2,170
1989 MWh generated: 0
1989 MWh purchased: 35,000
1989 MWh sold: 35,000
1989 revenues: $2,297,000

Ryan, Town of*
Box 489
Ryan, Okla. 73565
(405) 757-2406
Brenda Johnson, Clerk
customers: 592
1989 MWh generated: 0
1989 MWh purchased: 6,052
1989 MWh sold: 4,784
1989 revenues: $373,000

Sallisaw, City of
111 N. Elm St., Box C
Sallisaw, Okla. 74955
(918) 775-6241
E. W. Rogers, Clerk
customers: 3,507
1989 MWh generated: 0
1989 MWh purchased: 78,368
1989 MWh sold: 77,095
1989 revenues: $4,106,000
established 1914

Skiatook, City of
111 N. Broadway
Skiatook, Okla. 74070
(918) 396-2797
Lee Wert, Town Coordinator
customers: 2,173
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 7,164
from nonutilities: 29,734
1989 MWh sold: 30,320
1989 revenues: $1,968,000
established 1951

South Coffeyville, City of
207 W. Broadway St., Box 100
South Coffeyville, Okla. 74072
(918) 255-6045
Kenneth Garner, Utility Director
customers: 460
1989 MWh generated: 0
1989 MWh purchased: 4,429
1989 MWh sold: 4,429
1989 revenues: $310,000

Spiro, City of*
131 S. Main St.
Spiro, Okla. 74959
(918) 962-2470
Rex Butler, Lineman
customers: 1,011
1989 MWh generated: 0
1989 MWh purchased: 15,020
1989 MWh sold: 12,767
1989 revenues: $810,000

Stillwater Utilities Authority*
Box 1449
Stillwater, Okla. 74076
(405) 372-0025
Michael Herron, Director
customers: 14,540
nameplate capacity (kW): gas: 22,700
1989 MWh generated: 26,169
1989 MWh purchased: 353,338
1989 MWh sold: 338,924
1989 revenues: $19,914,000
established 1901

Stilwell Utility Department
9 W. Maple St.
Stilwell, Okla. 74960
(918) 696-3400
Larry Eagleton, Superintendent
customers: 1,427
1989 MWh generated: 0
1989 MWh purchased: 44,964
1989 MWh sold: 36,635
1989 revenues: $2,094,000
established 1952

Stroud, City of
Drawer K
Stroud, Okla. 74079
(918) 968-2571
Jessie Wright, Billing Clerk
customers: 1,324
1989 MWh generated: 0
1989 MWh purchased: 22,048
1989 MWh sold: 19,310
1989 revenues: $1,358,000
established 1927

Tahlequah Public Works Authority
101 N. College Ave., Box 29
Tahlequah, Okla. 74464
(918) 456-2564
Charles C. Edwards, General
Manager
customers: 4,916
1989 MWh generated: 0
1989 MWh purchased: 101,493
1989 MWh sold: 87,446
1989 revenues: $5,700,000
established 1935

Tecumseh Utility Authority*
114 N. Broadway
Tecumseh, Okla. 74873
(405) 598-2189
Randy Swinson, City Manager
customers: 2,036
1989 MWh generated: 0
1989 MWh purchased: 27,359
1989 MWh sold: 25,736
1989 revenues: $1,886,000

Tonkawa, City of*
117 S. Seventh St., Box 467
Tonkawa, Okla. 74653
(405) 628-2508
Robert B. Johnston, City Manager
customers: 1,854
1989 MWh generated: 0
1989 MWh purchased: 23,893
1989 MWh sold: 20,693
1989 revenues: $1,752,000
established 1925

Wagoner Public Works Authority
231 Church St.
Wagoner, Okla. 74467
(918) 485-0554
Alva M. Smith, Supervisor
customers: 3,321
1989 MWh generated: 0
1989 MWh purchased: 76,918
1989 MWh sold: 62,290
1989 revenues: $4,198,000

Walters, City of*
129 E. Colorado St.
Walters, Okla. 73572
(405) 875-3337
Buddy Veltema, City Manager
customers: 1,346
1989 MWh generated: 0
1989 MWh purchased: 17,847
1989 MWh sold: 15,147
1989 revenues: $1,066,000
established 1923

Watonga, City of
Wiegel St., Box 280
Watonga, Okla. 73772
(405) 623-7354
Kenneth Marshall, Superintendent
customers: 1,702
1989 MWh generated: 0
1989 MWh purchased: 25,286
1989 MWh sold: 20,968
1989 revenues: $1,687,000
established 1907

Waynoka, City of*
201 E. Cecil St.
Waynoka, Okla. 73860
(405) 824-2261

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Marvin Miller, Mayor
customers: 703
1989 MWh generated: 0
1989 MWh purchased: 7,000
1989 MWh sold: 6,000
1989 revenues: $645,000
established 1962

Wetumka Municipal Authority*
202 N. Main
Wetumka, Okla. 74883
(405) 452-3253
Donald R. Kardokus, City Manager
customers: 800
1989 MWh generated: 0
1989 MWh purchased: 9,430
1989 MWh sold: 8,038
1989 revenues: $607,000
established 1925

Wynnewood City Utilities Authority*
Box 219
Wynnewood, Okla. 73098
(405) 665-4141
Don Harmon, Superintendent
customers: 1,336
1989 MWh generated: 0
1989 MWh purchased: 15,787
1989 MWh sold: 14,378
1989 revenues: $990,000

Yale, City of*
209 N. Main
Yale, Okla. 74085
(918) 387-2406
Carl W. Hensley, City Manager
customers: 716
1989 MWh generated: 0
1989 MWh purchased: 8,894
1989 MWh sold: 7,143
1989 revenues: $555,000

Oregon

Ashland, City of*
20 E. Main St.
Ashland, Ore. 97520
(503) 482-3211
Brian L. Almquist, City Administrator
customers: 7,385
nameplate capacity (kW): unavailable
1989 MWh generated: 2,818
1989 MWh purchased: 151,307
1989 MWh sold: retail: 143,233
wholesale: 1,596
1989 revenues: retail: $5,924,000
wholesale: $45,000
established 1909

Bandon, City of*
555 Highway 101, Box 67
Bandon, Ore. 97411
(503) 347-2437
Ben McMakin, City Manager
customers: 2,528
1989 MWh generated: 0
1989 MWh purchased: 56,509
1989 MWh sold: 53,038
1989 revenues: $2,322,000
established 1921

Canby Utility Board
154 N.W. First St., Box 1070
Canby, Ore. 97013
(503) 266-1156
Don Godard, Manager
customers: 3,611
1989 MWh generated: 0
1989 MWh purchased: 111,004
1989 MWh sold: 106,740
1989 revenues: $3,881,000
established 1923

Cascade Locks, City of*
Box 308
Cascade Locks, Ore. 97014
(503) 374-8984
George R. Lewis, City Administrator
customers: 548
1989 MWh generated: 0
1989 MWh purchased: 20,697
1989 MWh sold: 19,495
1989 revenues: $865,000
established 1939

Central Lincoln People's Utility District*
2129 N. Coast Highway, Box 1126
Newport, Ore. 97365
(503) 265-3211
Roland Nuetzman, General Manager
customers: 27,439
1989 MWh generated: 0
1989 MWh purchased: 1,395,945
1989 MWh sold: 1,340,337
1989 revenues: $43,911,000
established 1943

Clatskanie People's Utility District*
469 Nehalem
Clatskanie, Ore. 97016
(503) 728-2163
Liston C. Darby, General Manager
customers: 3,743
1989 MWh generated: 0
1989 MWh purchased: 853,041
1989 MWh sold: 848,339
1989 revenues: $20,281,000
established 1940

Columbia River People's Utility District*
64001 Columbia River Highway
Box 1193
St. Helens, Ore. 97051
(503) 397-1844
Fergus Pilon, General Manager
customers: 7,310
1989 MWh generated: 0
1989 MWh purchased: 253,295
1989 MWh sold: 245,337
1989 revenues: $10,344,000
established 1984

Drain, City of
129 W. C Ave.
Drain, Ore. 97435
(503) 836-2417
Bill Ewing, City Administrator
customers: 617
1989 MWh generated: 0
1989 MWh purchased: 29,868
1989 MWh sold: 28,901
1989 revenues: $1,190,000
established 1940

Emerald People's Utility District+ *
33733 Seavey Loop Road
Eugene, Ore. 97405
(503) 746-1583
General Manager
customers: 13,657
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 384,792
from nonutilities: 922
1989 MWh sold: retail: 364,476
wholesale: 468
1989 revenues: retail: $17,275,000
wholesale: $12,000
established 1983

Eugene Water & Electric Board+ *
500 E. Fourth Ave., Box 10148
Eugene, Ore. 97440
(503) 484-2411
Randy Berggren, General Manager
customers: 65,247
nameplate capacity (kW): nuclear: 364,800; hydro: 111,500; other: 11,500
1989 MWh generated: 475,241
1989 MWh purchased: 2,017,013
1989 MWh sold: 2,370,511
1989 revenues: $76,971,000
established 1911

Forest Grove, City of+ *
1818 B St., Box 326
Forest Grove, Ore. 97116
(503) 359-3250
Doug Sleeth, Director of Light & Power
customers: 6,345
1989 MWh generated: 0
1989 MWh purchased: 200,507
1989 MWh sold: 192,020
1989 revenues: $5,409,000
established 1896

McMinnville Water & Light Department+ *
855 Marsh Lane, Box 638
McMinnville, Ore. 97128-0638
(503) 472-6158
John L. Harshman, General Manager
customers: 9,422
1989 MWh generated: 0
1989 MWh purchased: 442,597
1989 MWh sold: 431,330
1989 revenues: $12,382,000
established 1889

Milton-Freewater, City of*
722 S. Main St., Box 6
Milton-Freewater, Ore. 97862
(503) 938-5531
James A. Swayne, City Manager
customers: 4,255
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 117,000
1989 MWh sold: 111,800
1989 revenues: $3,052,000
established 1891

Monmouth Power & Light+ *
151 W. Main St
Monmouth, Ore. 97361
(503) 838-0722
Stan Kenyon, City Manager
customers: 2,627
1989 MWh generated: 0
1989 MWh purchased: 55,066
1989 MWh sold: 53,379
1989 revenues: $1,826,000

Northern Wasco County People's Utility District+ *
401 Court St., Box 621
The Dalles, Ore. 97058
(503) 296-2226
Harold E. Haake, Manager
customers: 8,712
1989 MWh generated: 0
1989 MWh purchased: 205,184
1989 MWh sold: 197,820
1989 revenues: $7,869,000
established 1939

Springfield Utility Board+ *
250 N. A St., Box 300
Springfield, Ore. 97477
(503) 746-8451
Steve L. Loveland, General Manager
customers: 21,519
1989 MWh generated: 0
1989 MWh purchased: 720,819
1989 MWh sold: 689,042
1989 revenues: $22,691,000
established 1950

Tillamook People's Utility District+ *
1115 Pacific Ave.
Tillamook, Ore. 97141-0433
(503) 842-2535
Ronald L. Saville, General Manager
customers: 15,056
1989 MWh generated: 0
1989 MWh purchased:
from nonutilities: 328,375
1989 MWh sold: 308,371
1989 revenues: $12,604,000
established 1932

Pennsylvania

Berlin, Borough of
700 North St., Box 115
Berlin, Pa. 15530
(814) 267-3837
Kerry B. Claycomb, Executive Secretary
customers: 925
1989 MWh generated: 0
1989 MWh purchased: 16,308
1989 MWh sold: 14,205
1989 revenues: $1,001,000

Blakely, Borough of
1439 Main St.
Peckville, Pa. 18452
(717) 383-3340
Harold J. McCusker Jr., Borough Manager
customers: 3,129
1989 MWh generated: 0
1989 MWh purchased: 32,338
1989 MWh sold: 28,503
1989 revenues: $2,825,000
established 1895

Catawissa, Borough of
118 N. Third St., Box 44
Catawissa, Pa. 17820
(707) 356-2561
Theodore E. Long, President
customers: 802
1989 MWh generated: 0
1989 MWh purchased: 11,611
1989 MWh sold: 10,527
1989 revenues: $865,000
established 1928

Chambersburg, Borough of*
100 S. Second St.
Chambersburg, Pa. 17201
(717) 264-5151
Julio D. Lecuona, Manager
customers: 9,810
nameplate capacity (kW): unavailable
1989 MWh generated: 450
1989 MWh purchased: 224,529
1989 MWh sold: 211,782
1989 revenues: $9,914,000
established 1893

Duncannon, Borough of
428 N. High St., Box 9
Duncannon, Pa. 17020
(717) 834-4311
Richard E. Tremblay, Borough Manager
customers: 852
1989 MWh generated: 0
1989 MWh purchased: 8,270
1989 MWh sold: 7,761
1989 revenues: $597,000
established 1898

East Conemaugh, Borough of
355 First St.
East Conemaugh, Pa. 15909
(814) 539-0193
Bernard Waltz, Superintendent
customers: 761
1989 MWh generated: 0
1989 MWh purchased: 5,516
1989 MWh sold: 5,085
1989 revenues: $442,000
established 1900

Ellwood City, Borough of

525 Lawrence Ave.
Ellwood City, Pa. 16117
(412) 758-5576
Mary Ann Fleo, Borough Secretary
customers: 4,165
1989 MWh generated: 0
1989 MWh purchased: 43,136
1989 MWh sold: 42,425
1989 revenues: $3,415,000
established 1901

Ephrata, Borough of+ *
114 E. Main St.
Ephrata, Pa. 17522
(717) 733-1277
L. Victor Dickinson, Borough Manager
customers: 5,543
1989 MWh generated: 0
1989 MWh purchased: 107,047
1989 MWh sold: 100,205
1989 revenues: $7,365,000
established 1902

Girard, Borough of
34 Main Street W.
Girard, Pa. 16417
(814) 774-3012
R. C. Higley, Borough Manager
customers: 1,374
1989 MWh generated: 0
1989 MWh purchased: 30,826
1989 MWh sold: 27,437
1989 revenues: $2,013,000
established 1900

Goldsboro, Borough of
53 N. York St., Box 14
Etters, Pa. 17319
(717) 938-3456
Lee Fishel, Borough Manager
customers: 235
1989 MWh generated: 0
1989 MWh purchased: 2,181
1989 MWh sold: 1,832
1989 revenues: $168,000
established 1913

Grove City, Borough of*
315 Park St.
Grove City, Pa. 16127
(412) 458-7070
Donald W. McIntire, Electric Department Superintendent
customers: 2,844
1989 MWh generated: 0
1989 MWh purchased: 45,552
1989 MWh sold: 43,189
1989 revenues: $3,227,000
established 1908

Hatfield, Borough of
Box 190
Hatfield, Pa. 19440
(215) 855-0781
Mack A. Curfman, Manager
customers: 1,281
1989 MWh generated: 0
1989 MWh purchased: 16,018
1989 MWh sold: 14,706
1989 revenues: $1,355,000
established 1930

Hooversville Boro Electric Light Co.
Box 176
Hooversville, Pa. 15936
(814) 798-8001
Judith Shaffer, Borough Secretary
customers: 377
1989 MWh generated: 0
1989 MWh purchased: 3,198
1989 MWh sold: 2,883
1989 revenues: $232,000

Kutztown, Borough of
211-213 W. Main St.
Kutztown, Pa. 19530
(215) 683-6131
Carl H. Bortz, Secretary
customers: 2,090
1989 MWh generated: 0
1989 MWh purchased: 53,835
1989 MWh sold: 50,274
1989 revenues: $4,181,000
established 1904

Lansdale, Borough of*
1 Vine St.
Lansdale, Pa. 19446
(215) 368-1691
Jacob I. Ziegler, Electric Superintendent
customers: 7,298
1989 MWh generated: 0
1989 MWh purchased: 129,569
1989 MWh sold: 122,880
1989 revenues: $9,801,000
established 1902

Lehighton, Borough of+ *
Box 29
Lehighton, Pa. 18235
(215) 377-4002
Miles W. Haberman, Borough Manager
customers: 2,969
1989 MWh generated: 0
1989 MWh purchased: 43,828
1989 MWh sold: 37,989
1989 revenues: $3,260,000
established 1940

Lewisberry, Borough of
Box 186
Lewisberry, Pa. 17339
(717) 938-1107
Lewis J. Mummert Jr., Chairman, Electric Commission
customers: 141
1989 MWh generated: 0
1989 MWh purchased: 1,770
1989 MWh sold: 1,440
1989 revenues: $126,000

Middletown, Borough of*
60 W. Emaus St.
Middletown, Pa. 17057
(717) 948-3042
Bruce Hamer, Borough Manager
customers: 3,711
1989 MWh generated: 0
1989 MWh purchased: 77,406
1989 MWh sold: 76,325
1989 revenues: $2,184,000
established 1906

Mifflinburg, Borough of
333 Chestnut St.
Mifflinburg, Pa. 17844
(717) 966-1013
George M. Steese, Borough Manager
customers: 1,655
1989 MWh generated: 0
1989 MWh purchased: 40,770
1989 MWh sold: 36,640
1989 revenues: $2,772,000
established 1925

Mont Alto, Borough of
Box 427
Mont Alto, Pa. 17237
(717) 749-5808
Lorraine L. Bumbaugh, Borough Secretary/Treasurer
customers: 507
1989 MWh generated: 0
1989 MWh purchased: 5,716
1989 MWh sold: 5,311
1989 revenues: $268,000

New Wilmington, Borough of
140 W. Nesnannock Ave.
New Wilmington, Pa. 16142
(412) 946-8167
Edward Garrett, Borough Superintendent
customers: 608
1989 MWh generated: 0
1989 MWh purchased: 15,688
1989 MWh sold: 15,688
1989 revenues: $1,134,000

Olyphant, Borough of
113 Willow St.
Olyphant, Pa. 18447
(717) 489-2135
Michael S. Ferke, Manager
customers: 2,200
1989 MWh generated: 0
1989 MWh purchased: 21,540
1989 MWh sold: 18,480
1989 revenues: $1,793,000
established 1891

Pennsylvania State University
Physical Plant Building
University Park, Pa. 16802
(814) 863-0431
D. A. Donovan, Director, Utilities
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1893

Perkasie, Borough of*
311 S. Ninth St., Box 275
Perkasie, Pa. 18944
(215) 257-5065
Paul A. Leonard, Borough Manager
customers: 3,195
1989 MWh generated: 0
1989 MWh purchased: 46,336
1989 MWh sold: 43,238
1989 revenues: $3,634,000
established 1900

Pitcairn Municipal Light Plant*
582 Sixth St.
Pitcairn, Pa. 15140
(412) 372-6500
George H. Myers, Manager
customers: 1,973
1989 MWh generated: 0
1989 MWh purchased: 11,800
1989 MWh sold: 10,743
1989 revenues: $972,000
established 1901

Quakertown, Borough of
15-35 N. Second St.
Quakertown, Pa. 18951
(215) 536-5001
David L. Woglom, Manager/Secretary
customers: 4,159
1989 MWh generated: 0
1989 MWh purchased: 95,552
1989 MWh sold: 87,863
1989 revenues: $5,836,000
established 1904

Royalton, Borough of
Burd & Dock Sts.
Royalton, Pa. 17057
(717) 944-4831
Bonita Young, Borough Secretary/Treasurer
customers: 419
1989 MWh generated: 0
1989 MWh purchased: 3,014
1989 MWh sold: 2,795
1989 revenues: $241,000
established 1930

Saint Clair Electric Light Department
39 N. Second St., Box 25
St. Clair, Pa. 17970
(717) 429-0640
Donald C. Hosler, Borough Superintendent
customers: 2,084
1989 MWh generated: 0
1989 MWh purchased: 13,200
1989 MWh sold: 13,200
1989 revenues: $1,172,000
established 1892

Schuylkill Haven, Borough of
12 W. Main St.
Schuylkill Haven, Pa. 17972
(717) 385-2841
Donald F. Munch, Borough Manager
customers: 2,839
1989 MWh generated: 0
1989 MWh purchased: 51,768
1989 MWh sold: 47,589
1989 revenues: $3,345,000

Smethport, Borough of
412 W. Water St.
Smethport, Pa. 16749
(814) 887-5815
William H. Covert Jr., Superintendent
customers: 1,060
1989 MWh generated: 0
1989 MWh purchased: 12,002
1989 MWh sold: 10,844
1989 revenues: $861,000

Summerhill, Borough of
Box 289
Summerhill, Pa. 15958
(814) 495-5610
Charles L. Tremel, President
customers: 299
1989 MWh generated: 0
1989 MWh purchased: 3,037
1989 MWh sold: 2,727
1989 revenues: $211,000

Wampum, Borough of
Box 65
Wampum, Pa. 16157
(412) 535-8241
Milton Cody, Council President
customers: 368
1989 MWh generated: 0
1989 MWh purchased: 3,372
1989 MWh sold: 3,039
1989 revenues: $250,000
established 1910

Watsontown, Borough of
4th & Main Sts., Box 273
Watsontown, Pa. 17777
(717) 538-1000
Samuel R. Klapp, Borough Manager
customers: 1,000
1989 MWh generated: 0
1989 MWh purchased: 17,146
1989 MWh sold: 16,099
1989 revenues: $1,440,000

Weatherly, Borough of*
10 Wilbur St.
Weatherly, Pa. 18255
(717) 427-8640
Beverly E. Knepper, Borough Manager
customers: 1,137
1989 MWh generated: 0
1989 MWh purchased: 21,166
1989 MWh sold: 21,166
1989 revenues: $1,551,000

Zelienople, Borough of
111 W. New Castle St.
Zelienople, Pa. 16063
(412) 452-6610
Dennis Dambaugh, Superintendent
customers: 1,967
1989 MWh generated: 0
1989 MWh purchased: 23,900
1989 MWh sold: 21,030
1989 revenues: $1,683,000

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Puerto Rico

Puerto Rico Electric Power Authority*
Ponce de Leon Ave. 1110, Box 4267
San Juan, P.R. 00936
(809) 725-4232
Jose A. Del Valle, General Manager
customers: 1,147,750
nameplate capacity (kW): hydro: 96,840; oil: 4,103,250
1989 MWh generated: 13,778,235
1989 MWh purchased: 0
1989 MWh sold: 12,272,717
1989 revenues: $1,032,881,000
established 1941

Rhode Island

Pascoag Fire District
55 S. Main St., Box 107
Pascoag, R.I. 02859
(401) 568-6222
Robert F. Gautreau II, General Manager
customers: 3,827
1989 MWh generated: 0
1989 MWh purchased: 34,476
1989 MWh sold: 31,104
1989 revenues: $3,592,000
established 1887

South Carolina

Abbeville Water & Electric Plant*
Box 639
Abbeville, S.C. 29620
(803) 459-5058
M. G. Moorhead, Utilities Director
customers: 3,245
nameplate capacity (kW): hydro: 2,600; oil: 1,100
1989 MWh generated: 6,884
1989 MWh purchased: 45,622
1989 MWh sold: 42,158
1989 revenues: $3,226,000
established 1905

Bamberg Board of Public Works
619 N. Main St., Box 300
Bamberg, S.C. 29003
(803) 245-5128
Bruce Ellis, Manager
customers: 1,672
1989 MWh generated: 0
1989 MWh purchased: 38,859
1989 MWh sold: 31,609
1989 revenues: $1,930,000
established 1905

Bennettsville, City of
501 E. Main St., Box 1036
Bennettsville, S.C. 29512
(803) 479-9001
Charles B. Litchfield, Director of Utilities
customers: 4,715
1989 MWh generated: 0
1989 MWh purchased: 86,286
1989 MWh sold: 72,000
1989 revenues: $6,109,000
established 1903

Camden, City of*
1000 Lyttleton St.
Camden, S.C. 29020-7002
(803) 432-2421
Nick Stegall, Director of Utilities
customers: 9,305
1989 MWh generated: 0
1989 MWh purchased: 153,513
1989 MWh sold: 142,592
1989 revenues: $11,072,000
established 1947

Clinton, City of*
404 N. Broad St., Drawer 748
Clinton, S.C. 29325
(803) 833-7505
Steven L. Harrell, City Manager
customers: 4,180
1989 MWh generated: 0
1989 MWh purchased: 118,281
1989 MWh sold: 113,524
1989 revenues: $6,995,000
established 1907

Due West, Town of
Box 33
Due West, S.C. 29639
(803) 379-2385
Charles H. Hawthorne, Superintendent
customers: 333
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 9,297
  from nonutilities: 118
1989 MWh sold: 7,497
1989 revenues: $552,000
established 1920

Easley Combined Utility System*
202 N. First St., Box 605
Easley, S.C. 29641
(803) 859-4013
Richard S. Hale, Manager
customers: 9,206
1989 MWh generated: 0
1989 MWh purchased: 199,349
1989 MWh sold: 173,054
1989 revenues: $10,980,000
established 1910

Gaffney Board of Public Works*
210 E. Frederick St., Box 64
Gaffney, S.C. 29342
(803) 487-7171
Donnie L. Hardin, Office Manager
customers: 8,803
1989 MWh generated: 0
1989 MWh purchased: 178,612
1989 MWh sold: 151,440
1989 revenues: $9,014,000
established 1907

Georgetown, City of
Box 1146
Georgetown, S.C. 29442
(803) 546-5632
Gregory P. Dietterick, Manager of Electric Utility
customers: 5,046
1989 MWh generated: 0
1989 MWh purchased: 120,000
1989 MWh sold: 106,000
1989 revenues: $5,722,000
established 1920

Greenwood, City of*
Box 549
Greenwood, S.C. 29648
(803) 223-8571
Rossie L. Corwon, Interim Manager
customers: 11,379
1989 MWh generated: 0
1989 MWh purchased: 211,434
1989 MWh sold: 196,243
1989 revenues: $11,151,000
established 1896

Greer Commission of Public Works+ *
200 South Ave., Box 216
Greer, S.C. 29652
(803) 848-5500
H. Jerry Balding, General Manager
customers: 9,093
1989 MWh generated: 0
1989 MWh purchased: 153,831
1989 MWh sold: 137,106
1989 revenues: $8,764,000
established 1914

Laurens Commission of Public Works*
212 Church St., Box 349
Laurens, S.C. 29360
(803) 984-0481
Coleman Smoak Jr., Manager
customers: 6,063
1989 MWh generated: 0
1989 MWh purchased: 88,695
1989 MWh sold: 79,273
1989 revenues: $6,371,000
established 1922

McCormick, Town of
Box 656
McCormick, S.C. 29835
(803) 465-2224
Benjamin M. Lewis, Acting Supervisor
customers: 957
1989 MWh generated: 0
1989 MWh purchased: 18,016
1989 MWh sold: 17,391
1989 revenues: $911,000
established 1926

Newberry, City of*
Boyce St., Drawer 538
Newberry, S.C. 29108
(803) 321-1018
Steve D. Reeves Jr., Utilities Director
customers: 4,634
1989 MWh generated: 0
1989 MWh purchased: 129,829
1989 MWh sold: 123,275
1989 revenues: $7,484,000
established 1923

Orangeburg, City of*
195 Russel St. S.W., Box 1057
Orangeburg, S.C. 29115
(803) 534-2821
Ted M. Johnson Jr., Manager
customers: 23,557
nameplate capacity (kW): unavailable
1989 MWh generated: 5,088
1989 MWh purchased:
  from utilities: 607,552
  from nonutilities: 134
1989 MWh sold: 585,384
1989 revenues: $31,311,000
established 1898

Prosperity, Town of
Box 36
Prosperity, S.C. 29127
(803) 364-2622
John Taylor, Public Works Director
customers: 533
1989 MWh generated: 0
1989 MWh purchased: 8,050
1989 MWh sold: 7,363
1989 revenues: $422,000
established 1920

Rock Hill, City of*
155 Johnson St., Box 11706
Rock Hill, S.C. 29730
(803) 329-5512
Charles A. Owen, Utility Director
customers: 21,173
1989 MWh generated: 0
1989 MWh purchased: 464,879
1989 MWh sold: 428,903
1989 revenues: $31,685,000
established 1910

Seneca, City of*
N. First St., Box 4773
Seneca, S.C. 29679
(803) 885-2723
Tommy Grant, Director of Utilities
customers: 6,251
1989 MWh generated: 0
1989 MWh purchased: 124,124
1989 MWh sold: 113,775
1989 revenues: $7,277,000
established 1907

South Carolina Public Service Authority+ *
1 Riverwood Drive
Moncks Corner, S.C. 29461
(803) 761-8000
Kenneth R. Ford, President & CEO
customers: 86,698
nameplate capacity (kW): nuclear: 317,930; coal: 2,061,015; hydro: 132,615; oil: 324,111
1989 MWh generated: 13,519,456
1989 MWh purchased:
  from utilities: 261,205
  from nonutilities: 104
1989 MWh sold: retail: 7,071,545
    wholesale: 6,249,915
1989 revenues: retail: $294,730,000
    wholesale: $254,848,000
established 1934

Union, City of*
Sharp Ave., Box 886
Union, S.C. 29379
(803) 429-1717
T. D. Sherbert Jr., Director
customers: 6,516
1989 MWh generated: 0
1989 MWh purchased: 114,880
1989 MWh sold: 108,306
1989 revenues: $6,763,000
established 1897

Westminister, City of*
Box 399
Westminister, S.C. 29693
(803) 647-5071
Dorothy Bibb, Clerk
customers: 1,580
1989 MWh generated: 0
1989 MWh purchased: 26,031
1989 MWh sold: 25,882
1989 revenues: $1,434,000

Winnsboro, Town of
N. Congress St., Box 209
Winnsboro, S.C. 29180
(803) 635-4041
Dewey Bost, Electric Superintendent
customers: 3,006
1989 MWh generated: 0
1989 MWh purchased: 73,000
1989 MWh sold: 72,000
1989 revenues: $4,561,000
established 1910

South Dakota

Arlington, City of+ *
Arlington, S.D. 57212
(605) 983-5911
Curt Tuttle, Superintendent
customers: 483
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 6,704
  from nonutilities: 2,681
1989 MWh sold: 7,804
1989 revenues: $382,000

Aurora, City of+ *
Box 112
Aurora, S.D. 57002
(605) 693-3752
Elaine Waples, Finance Officer
customers: 240
1989 MWh generated: 0
1989 MWh purchased: 3,000
1989 MWh sold: 3,000
1989 revenues: $161,000
established 1968

Badger, City of
Box 55

Badger, S.D. 57214
(605) 983-5385
Donna Wilson, Clerk
customers: 75
1989 MWh generated: 0
1989 MWh purchased: 1,285
1989 MWh sold: 1,090
1989 revenues: $34,000
established 1956

Beresford, City of+ *
101 N. Third St.
Beresford, S.D. 57004
(605) 763-2008
Richard Satiroff, Electric
Superintendent
customers: 1,052
1989 MWh generated: 0
1989 MWh purchased: 16,038
1989 MWh sold: 14,283
1989 revenues: $711,000
established 1950

Big Stone, City of+ *
651 Main St., Box 246
Big Stone, S.D. 57216
(605) 862-8121
Mary Jane Lempka, City Auditor
customers: 372
1989 MWh generated: 0
1989 MWh purchased: 16,780
1989 MWh sold: 16,189
1989 revenues: $712,000

Brookings, City of+ *
525 Western Ave., Box 588
Brookings, S.D. 57006
(605) 692-6325
Andy Jensen, Electric Superintendent
customers: 6,637
1989 MWh generated: 0
1989 MWh purchased: 160,287
1989 MWh sold: 152,924
1989 revenues: $6,132,000
established 1899

Bryant, City of
Box 145
Bryant, S.D. 57221
(605) 628-2931
Gary Ladwig, Electrical
Superintendent
customers: 261
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 1,152
from nonutilities: 2,414
1989 MWh sold: 2,933
1989 revenues: $127,000
established 1958

Burke, City of+ *
Box 312
Burke, S.D. 57523
(605) 775-2913
Richard N. Bailey, Superintendent
customers: 427
1989 MWh generated: 0
1989 MWh purchased: 6,959
1989 MWh sold: 5,844
1989 revenues: $286,000
established 1936

Colman, City of+ *
Box 54
Colman, S.D. 57017
(605) 534-3611
Svend Iversen, Mayor
customers: 250
1989 MWh generated: 0
1989 MWh purchased: 8,000
1989 MWh sold: 7,000
1989 revenues: $345,000

established 1965

Elk Point, City of
Box 280
Elk Point, S.D. 57025
(605) 356-2141
Robert L. Eslick, Superintendent
customers: 651
1989 MWh generated: 0
1989 MWh purchased: 10,954
1989 MWh sold: 10,235
1989 revenues: $642,000
established 1918

Estelline, City of+ *
Box 278
Estelline, S.D. 57234
(605) 873-2388
Connie Jensen, Finance Officer
customers: 371
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 2,651
from nonutilities: 5,007
1989 MWh sold: 6,555
1989 revenues: $256,000

Faith, City of+ *
Box 368
Faith, S.D. 57626
(605) 967-2261
Donn Dupper, Electric Superintendent
customers: 309
1989 MWh generated: 0
1989 MWh purchased: 6,296
1989 MWh sold: 5,776
1989 revenues: $255,000

Flandreau, City of+ *
136 Second Ave. E.
Flandreau, S.D. 57028
(605) 997-2492
Don Johnston, Superintendent
customers: 1,417
1989 MWh generated: 0
1989 MWh purchased: 20,158
1989 MWh sold: 18,052
1989 revenues: $769,000
established 1938

Fort Pierre, City of+ *
40 E. Second St., Box 700
Fort Pierre, S.D. 57532
(605) 223-2508
James Hauge, City Superintendent
customers: 858
1989 MWh generated: 0
1989 MWh purchased: 16,400
1989 MWh sold: 13,700
1989 revenues: $683,000
established 1900

Groton, City of+ *
Box 587
Groton, S.D. 57445
(605) 397-8422
David Anderson, Electrical Superintendent
customers: 570
1989 MWh generated: 0
1989 MWh purchased: 11,697
1989 MWh sold: 10,237
1989 revenues: $440,000
established 1921

Hecla, City of+ *
Box 188
Hecla, S.D. 57446
(605) 994-2333
Delwyn Tisher, Superintendent
customers: 267
1989 MWh generated: 0
1989 MWh purchased: 3,972
1989 MWh sold: 3,337
1989 revenues: $143,000

Howard, City of+ *
100 S. Main, Box 705
Howard, S.D. 57349
(605) 772-4391
Alan Adler, Electric Superintendent
customers: 652
1989 MWh generated: 0
1989 MWh purchased: 12,250
1989 MWh sold: 10,467
1989 revenues: $415,000

Langford, Town of
Box 191
Langford, S.D. 57454
(605) 493-6772
Donald Foote, Electric Superintendent
customers: 166
1989 MWh generated: 0
1989 MWh purchased: 2,400
1989 MWh sold: 2,100
1989 revenues: $93,000
established 1935

Madison, City of+ *
Box 308
Madison, S.D. 57042
(605) 256-4586
Richard Nighbert, Superintendent
customers: 3,133
1989 MWh generated: 0
1989 MWh purchased: 62,707
1989 MWh sold: 60,245
1989 revenues: $2,138,000
established 1922

McLaughlin, City of+ *
Box 169
McLaughlin, S.D. 57642
(605) 823-4428
Lornie Hach, Utility Manager
customers: 387
1989 MWh generated: 0
1989 MWh purchased: 7,340
1989 MWh sold: 6,677
1989 revenues: $244,000
established 1969

Miller, City of
Box 69
Miller, S.D. 57362
(605) 853-2705
Merle Dirksen, Electrical
Superintendent
customers: 971
1989 MWh generated: 0
1989 MWh purchased: 26,607
1989 MWh sold: 25,631
1989 revenues: $838,000
established 1904

Onida, City of
Box 72
Onida, S.D. 57564
(605) 258-2441
Jerry Culey, Superintendent
customers: 400
1989 MWh generated: 0
1989 MWh purchased: 7,497
1989 MWh sold: 5,822
1989 revenues: $339,000
established 1926

Parker, City of+ *
Box 265
Parker, S.D. 57053
(605) 297-4453
Jim Srstka, Electric Superintendent
customers: 469
1989 MWh generated: 0
1989 MWh purchased: 9,505
1989 MWh sold: 8,177
1989 revenues: $281,000

Pickstown, Town of+ *
Box 169
Pickstown, S.D. 57367
(605) 487-7553
Larry Delvaux, President, Board of
Trustees
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1986

Pierre, City of+ *
222 E. Dakota Ave.
Pierre, S.D. 57501
(605) 224-7341
David Padgett, Director of Public
Works
customers: 5,910
1989 MWh generated: 0
1989 MWh purchased: 152,555
1989 MWh sold: retail: 132,452
wholesale: 9,182
1989 revenues: retail: $4,955,000
wholesale: $127,000
established 1900

Plankinton, City of+ *
Box 517
Plankinton, S.D. 57368
(605) 942-7767
Walter C. Miller, Electric
Superintendent
customers: 439
1989 MWh generated: 0
1989 MWh purchased: 8,015
1989 MWh sold: 7,055
1989 revenues: $270,000
established 1936

Sioux Falls Municipal Light & Power*
2000 N. Minnesota Ave.
Sioux Falls, S.D. 57104
(605) 339-7150
Craig Overfield, Electric
Superintendent
customers: 2,062
1989 MWh generated: 0
1989 MWh purchased: 64,003
1989 MWh sold: 63,393
1989 revenues: $2,638,000
established 1905

Tyndall, City of+ *
110 E. Main St., Box 29
Tyndall, S.D. 57066
(605) 589-3481
Mervyn Zwanziger, Electric
Superintendent
customers: 596
1989 MWh generated: 0
1989 MWh purchased: 10,864
1989 MWh sold: 10,864
1989 revenues: $427,000
established 1911

Vermillion, City of+ *
25 Center St.
Vermillion, S.D. 57069
(605) 624-5641
Bruce Brunick, Electric
Superintendent
customers: 3,365
1989 MWh generated: 0
1989 MWh purchased: 39,645
1989 MWh sold: 37,788
1989 revenues: $1,854,000
established 1895

Volga, City of+ *
Box 207
Volga, S.D. 57071
(605) 627-9113
Wayne Reit, Electric Superintendent
customers: 632
1989 MWh generated: 0
1989 MWh purchased: 14,935
1989 MWh sold: 13,954
1989 revenues: $637,000
established 1941

Watertown Municipal Utilities+ *
901 4th Ave. SW
Watertown, S.D. 57201

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

(605) 886-4057
R. Swanson, Manager
customers: 9,659
1989 MWh generated: 0
1989 MWh purchased: 190,760
1989 MWh sold: 182,629
1989 revenues: $6,634,000
established 1923

Wessington Springs, City of+ *
Box 443
Wessington Springs, S.D. 57382
(605) 539-1691
Roger Larson, Electrical Superintendent
customers: 643
1989 MWh generated: 0
1989 MWh purchased: 10,886
1989 MWh sold: 9,974
1989 revenues: $419,000
established 1914

White, City of+ *
Box 682
White, S.D. 57276
(605) 629-8161
Dan DeYoung, Electric Superintendent
customers: 246
1989 MWh generated: 0
1989 MWh purchased: 3,129
1989 MWh sold: 3,129
1989 revenues: $169,000
established 1978

Winner, City of+ *
217 E. Third St.
Winner, S.D. 57580
(605) 842-2606
Larry Juracek, Manager
customers: 1,952
1989 MWh generated: 0
1989 MWh purchased: 38,298
1989 MWh sold: 32,087
1989 revenues: $1,364,000
established 1948

Tennessee

(All local publicly owned electric utilities in Tennessee are distributors of Tennessee Valley Authority power and purchase all of their power requirements from TVA.)

Alcoa, City of*
264 N. Rankin Road
Alcoa, Tenn. 37701
(615) 981-4115
Larry B. Stargel, Power Manager
customers: 17,925
1989 MWh generated: 0
1989 MWh purchased: 384,300
1989 MWh sold: 364,900
1989 revenues: $20,877,000
established 1956

Athens Utilities+ *
100 Englewood Road, Box 689
Athens, Tenn. 37303
(615) 745-4501
George H. Usry, General Manager
customers: 12,554
1989 MWh generated: 0
1989 MWh purchased: 493,752
1989 MWh sold: 472,064
1989 revenues: $24,941,000
established 1939

Benton County
Box 445
Camden, Tenn. 38320
(901) 584-8251
Milton Troutt, Manager
customers: 8,575
1989 MWh generated: 0
1989 MWh purchased: 203,000
1989 MWh sold: 191,000
1989 revenues: $10,790,000
established 1940

Bolivar, City of+ *
815 Tennessee St., Box 188
Bolivar, Tenn. 38008
(901) 658-5257
John Fortune, Manager
customers: 9,676
1989 MWh generated: 0
1989 MWh purchased: 222,464
1989 MWh sold: 207,013
1989 revenues: $11,707,000
established 1936

Bristol Tennessee Electric System+ *
2470 Volunteer Parkway, Box 549
Bristol, Tenn. 37621
(615) 968-1526
R. Michael Browder, General Manager
customers: 26,697
1989 MWh generated: 0
1989 MWh purchased: 725,623
1989 MWh sold: 686,848
1989 revenues: $37,692,000
established 1945

Brownsville Utility Department*
25 N. Lafayette, Box 424
Brownsville, Tenn. 38012
(901) 772-1213
John F. Sharpe, Manager
customers: 4,587
1989 MWh generated: 0
1989 MWh purchased: 168,414
1989 MWh sold: 163,011
1989 revenues: $8,703,000
established 1939

Carroll County*
103 W. Paris St., Box 527
Huntingdon, Tenn. 38344-0527
(901) 986-8284
Lynn D. Compton, Manager
customers: 13,804
1989 MWh generated: 0
1989 MWh purchased: 346,445
1989 MWh sold: 322,491
1989 revenues: $18,385,000
established 1938

Chattanooga Electric Power Board + *
537 Cherry St.
Chattanooga, Tenn. 37402
(615) 756-2706
Kenneth S. Baxter, General Manager
customers: 149,371
1989 MWh generated: 0
1989 MWh purchased: 5,300,017
1989 MWh sold: 4,998,165
1989 revenues: $271,726,000
established 1935

Clarksville, City of*
2021 Guthrie Highway, Box 1007
Clarksville, Tenn. 37040
(615) 648-8151
Dalton Smith, General Manager
customers: 29,109
1989 MWh generated: 0
1989 MWh purchased: 748,009
1989 MWh sold: 714,678
1989 revenues: $40,293,000
established 1939

Cleveland Utilities*
2450 Guthrie Drive NW, Box 2730
Cleveland, Tenn. 37320-2730
(615) 472-4521
Tom Wheeler, General Manager
customers: 23,030
1989 MWh generated: 0
1989 MWh purchased: 785,737
1989 MWh sold: 758,059
1989 revenues: $40,964,000
established 1939

Clinton Utilities Board
1001 Charles G. Seivers Blvd.
Clinton, Tenn. 37716
(615) 457-9232
Byron H. Hale, General Manager
customers: 22,638
1989 MWh generated: 0
1989 MWh purchased: 522,454
1989 MWh sold: 493,866
1989 revenues: $28,435,000
established 1939

Columbia Power System*
201 Pickens Lane, Box 379
Columbia, Tenn. 38402-0379
(615) 388-4833
Bernie L. Steen Jr., General Manager
customers: 17,580
1989 MWh generated: 0
1989 MWh purchased: 487,523
1989 MWh sold: 459,134
1989 revenues: $25,064,000
established 1939

Cookeville, City of*
45 E. Broad St., Box 849
Cookeville, Tenn. 38501
(615) 526-9591
Joseph A. Peek, Director
customers: 11,055
1989 MWh generated: 0
1989 MWh purchased: 411,291
1989 MWh sold: 398,472
1989 revenues: $22,221,000
established 1944

Covington Electric System*
204 E. Liberty St., Box 488
Covington, Tenn. 38019
(901) 476-7104
G. E. Johnson, General Manager
customers: 3,240
1989 MWh generated: 0
1989 MWh purchased: 158,032
1989 MWh sold: 152,415
1989 revenues: $8,453,000
established 1904

Dayton, City of
Box 226
Dayton, Tenn. 37321
(615) 775-1817
Paul Hill, Superintendent
customers: 6,214
1989 MWh generated: 0
1989 MWh purchased: 170,000
1989 MWh sold: 170,000
1989 revenues: $8,844,000

Dickson, City of
121 S. Main St., Box 627
Dickson, Tenn. 37055
(615) 446-9051
Ernest R. Brown, Manager
customers: 21,117
1989 MWh generated: 0
1989 MWh purchased: 473,600
1989 MWh sold: 445,800
1989 revenues: $25,777,000
established 1936

Dyersburg Electric System+ *
211 E. Court St., Box 664
Dyersburg, Tenn. 38024
(901) 285-2941
James E. Williamson Jr., Manager
customers: 10,860
1989 MWh generated: 0
1989 MWh purchased: 511,935
1989 MWh sold: 493,082
1989 revenues: $26,184,000
established 1902

Elizabethton Electric System*
Hatcher Lane, Box 790
Elizabethton, Tenn. 37643
(615) 542-2101
Larry Musick, General Manager
customers: 20,823
1989 MWh generated: 0
1989 MWh purchased: 464,000
1989 MWh sold: 438,000
1989 revenues: $24,748,000
established 1945

Erwin Utilities Board
244 Love St., Box 201
Erwin, Tenn. 37650
(615) 743-6191
Howard C. Brown, General Manager
customers: 7,342
1989 MWh generated: 0
1989 MWh purchased: 201,105
1989 MWh sold: 191,993
1989 revenues: $10,156,000
established 1945

Etowah Utility Board*
110 Ninth St., Box N
Etowah, Tenn. 37331
(615) 263-9441
Doug Swayne, General Manager
customers: 4,444
1989 MWh generated: 0
1989 MWh purchased: 135,664
1989 MWh sold: 131,271
1989 revenues: $6,994,000
established 1939

Fayetteville Electric System*
408 W. College St., Drawer E
Fayetteville, Tenn. 37334
(615) 433-1522
Walter J. Szelich Jr., General Manager
customers: 14,247
1989 MWh generated: 0
1989 MWh purchased: 333,242
1989 MWh sold: 313,860
1989 revenues: $18,044,000
established 1937

Gallatin Department of Electricity+ *
135 Jones St., Box 1555
Gallatin, Tenn. 37066
(615) 452-5152
William Draper, Superintendent
customers: 8,690
1989 MWh generated: 0
1989 MWh purchased: 389,125
1989 MWh sold: 377,429
1989 revenues: $19,775,000
established 1939

Greeneville Light & Power System*
Box 1690
Greeneville, Tenn. 37744
(615) 636-6200
Bill Carroll, Manager
customers: 26,976
1989 MWh generated: 0
1989 MWh purchased: 815,700
1989 MWh sold: 775,500
1989 revenues: $43,054,000
established 1945

Harriman, City of
300 Roane St., Box 434
Harriman, Tenn. 37748
(615) 882-3242
Henry D. Grigsby, Manager
customers: 9,550
1989 MWh generated: 0
1989 MWh purchased: 255,360
1989 MWh sold: 240,000
1989 revenues: $14,473,000
established 1939

Humboldt Utilities+ *
207 S. 13th Ave., Box 850
Humboldt, Tenn. 38343-0850
(901) 784-9212
Stan Little, Manager
customers: 4,488
1989 MWh generated: 0

TENNESSEE (continued)

1989 MWh purchased: 183,944
1989 MWh sold: 178,138
1989 revenues: $9,284,000
established 1939

Jackson Utility Division+ *
119 E. College St., Box 68
Jackson, Tenn. 38302-0068
(901) 422-7500
John W. Williams, General Manager
customers: 28,206
1989 MWh generated: 0
1989 MWh purchased: 1,018,497
1989 MWh sold: 979,639
1989 revenues: $51,601,000
established 1937

Jellico, City of
400 S. Main St., Box 511
Jellico, Tenn. 37762
(615) 784-8411
John W. Leach, Manager
customers: 4,224
1989 MWh generated: 0
1989 MWh purchased: 73,525
1989 MWh sold: 66,535
1989 revenues: $4,008,000
established 1937

Johnson City Power Board*
100 N. Roan St., Box 1636
Johnson City, Tenn. 37601
(615) 928-2112
Roy L. Taylor, Manager
customers: 50,414
1989 MWh generated: 0
1989 MWh purchased: 1,381,835
1989 MWh sold: 1,307,346
1989 revenues: $69,094,000
established 1945

Knoxville, City of+ *
626 S. Gay St., Box 59017
Knoxville, Tenn. 37950-9017
(615) 524-2911
Ed Hedgens, General Manager
customers: 145,382
1989 MWh generated: 0
1989 MWh purchased: 4,565,420
1989 MWh sold: 4,274,541
1989 revenues: $238,365,000
established 1939

La Follette Electric and Water Department*
N. Tennessee Ave., Box 1411
La Follette, Tenn. 37766
(615) 562-2316
Gerry L. Stooksbury, General Manager
customers: 15,821
1989 MWh generated: 0
1989 MWh purchased: 343,349
1989 MWh sold: 321,343
1989 revenues: $19,696,000
established 1939

Lawrenceburg Power System
1607 N. Locust Ave., Box 649
Lawrenceburg, Tenn. 38464-0649
(615) 762-7161
James W. Collins, Superintendent
customers: 15,646
1989 MWh generated: 0
1989 MWh purchased: 388,537
1989 MWh sold: 364,127
1989 revenues: $20,232,000
established 1939

Lebanon, City of
410 Park Drive
Lebanon, Tenn. 37087
(615) 444-0825
William Whitaker, Superintendent
customers: 7,969

1989 MWh generated: 0
1989 MWh purchased: 301,312
1989 MWh sold: 282,899
1989 revenues: $15,659,000
established 1942

Lenoir City, City of*
200 Depot St., Box 4149
Lenoir City, Tenn. 37771
(615) 986-6591
Harry Fraser, General Manager
customers: 31,875
1989 MWh generated: 0
1989 MWh purchased: 877,200
1989 MWh sold: 832,000
1989 revenues: $48,715,000
established 1938

Lewisburg Electric System+ *
599 W. Ellington Parkway, Box 2727
Lewisburg, Tenn. 37091
(615) 359-2544
Richard Turner, General Manager
customers: 4,908
1989 MWh generated: 0
1989 MWh purchased: 249,000
1989 MWh sold: 240,000
1989 revenues: $13,310,000
established 1939

Lexington, City of+ *
92 Main St., Box 30
Lexington, Tenn. 38351
(901) 968-3663
Robert W. Bowman, Manager
customers: 16,804
1989 MWh generated: 0
1989 MWh purchased: 349,345
1989 MWh sold: 325,651
1989 revenues: $18,953,000
established 1939

Loudon, City of*
Box E
Loudon, Tenn. 37774
(615) 458-2091
W. Barry Baker, General Manager
customers: 5,175
1989 MWh generated: 0
1989 MWh purchased: 181,155
1989 MWh sold: 172,922
1989 revenues: $9,792,000
established 1935

Maryville, City of*
332 Home Ave.
Maryville, Tenn. 37801
(615) 981-3300
Rody Blevins, Director of Operations
customers: 15,398
1989 MWh generated: 0
1989 MWh purchased: 392,503
1989 MWh sold: 394,087
1989 revenues: $21,598,000
established 1939

McMinnville Electric System+ *
200 Morford St.
McMinnville, Tenn. 37110
(615) 473-3144
Don Collette, General Manager
customers: 6,520
1989 MWh generated: 0
1989 MWh purchased: 211,473
1989 MWh sold: 202,992
1989 revenues: $11,378,000
established 1939

Memphis Light, Gas & Water Division+ *
220 S. Main St., Box 430
Memphis, Tenn. 38101
(901) 528-4011
Larry Papasan, President & CEO
customers: 352,879
1989 MWh generated: 0
1989 MWh purchased: 11,212,810
1989 MWh sold: 10,690,558
1989 revenues: $591,277,000
established 1939

Milan Department of Public Utilities+ *
407 S. Second St., Box 109
Milan, Tenn. 38358
(901) 686-1537
Harold L. Crenshaw, Manager
customers: 7,038
1989 MWh generated: 0
1989 MWh purchased: 209,524
1989 MWh sold: 195,201
1989 revenues: $10,590,000
established 1897

Morristown Power System+ *
441 W. Main St., Box 667
Morristown, Tenn. 37814
(615) 586-4121
James E. Akins, General Manager
customers: 11,522
1989 MWh generated: 0
1989 MWh purchased: 555,328
1989 MWh sold: 530,330
1989 revenues: $29,958,000
established 1901

Mount Pleasant, City of
124 N. Main St., Box 186
Mount Pleasant, Tenn. 38474
(615) 379-3233
Elbert Powell, Manager
customers: 3,357
1989 MWh generated: 0
1989 MWh purchased: 85,866
1989 MWh sold: 82,948
1989 revenues: $4,639,000
established 1939

Murfreesboro Electric Department*
205 N. Walnut St., Box 9
Murfreesboro, Tenn. 37133
(615) 893-5514
Larry D. Kirk, General Manager
customers: 21,576
1989 MWh generated: 0
1989 MWh purchased: 734,425
1989 MWh sold: 706,476
1989 revenues: $37,856,000
established 1939

Nashville Electric Service+ *
1214 Church St.
Nashville, Tenn. 37203
(615) 747-3895
Dudley Phillips, General Manager
customers: 261,390
1989 MWh generated: 0
1989 MWh purchased: 9,892,628
1989 MWh sold: 9,533,241
1989 revenues: $518,787,000
established 1939

Newbern, City of*
E. Main St., Box 460
Newbern, Tenn. 38059
(901) 627-3221
Joe Ferguson, Director
customers: 1,421
1989 MWh generated: 0
1989 MWh purchased: 63,710
1989 MWh sold: 60,507
1989 revenues: $3,469,000
established 1938

Newport Utilities Board*
301-305 E. Main St., Box 519
Newport, Tenn. 37821
(615) 623-3074
Lindsay Boyd, General Manager
customers: 15,164
1989 MWh generated: 0
1989 MWh purchased: 372,846
1989 MWh sold: 349,255
1989 revenues: $19,912,000
established 1939

Oak Ridge, City of
Box 1
Oak Ridge, Tenn. 37831-0001
(615) 482-8429
John C. Wagner, Electrical Director
customers: 13,739
1989 MWh generated: 0
1989 MWh purchased: 388,274
1989 MWh sold: 376,292
1989 revenues: $20,477,000
established 1960

Paris Board of Public Utilities*
117 E. Washington St.
Paris, Tenn. 38242
(901) 642-1322
Charles R. Perry, General Manager
customers: 20,394
1989 MWh generated: 0
1989 MWh purchased: 390,939
1989 MWh sold: 362,047
1989 revenues: $19,846,000
established 1938

Pulaski Electric System*
203 S. First St., Box 368
Pulaski, Tenn. 38478
(615) 363-2522
Charles Higgins, General Manager
customers: 11,378
1989 MWh generated: 0
1989 MWh purchased: 340,312
1989 MWh sold: 318,739
1989 revenues: $17,270,000
established 1891

Ripley, City of*
Box 69
Ripley, Tenn. 38063
(901) 635-2323
Mike Allmand, Manager
customers: 6,948
1989 MWh generated: 0
1989 MWh purchased: 245,959
1989 MWh sold: 238,246
1989 revenues: $12,255,000
established 1939

Rockwood Electric Utility*
341 W. Rockwood St., Box 108
Rockwood, Tenn. 37854
(615) 354-0514
Charles W. Johnson, General Manager
customers: 10,794
1989 MWh generated: 0
1989 MWh purchased: 241,402
1989 MWh sold: 225,145
1989 revenues: $13,097,000
established 1939

Sevier County Electric System*
315 E. Main St., Box 4870
Sevierville, Tenn. 37864
(615) 453-2887
George R. Seaton, Superintendent
customers: 26,757
1989 MWh generated: 0
1989 MWh purchased: 742,681
1989 MWh sold: 698,425
1989 revenues: $41,759,000
established 1939

Shelbyville Power System
308 S. Main St., Box 530
Shelbyville, Tenn. 37160
(615) 684-7171
Eugene D. Crowell, Manager
customers: 7,205
1989 MWh generated: 0
1989 MWh purchased: 281,034
1989 MWh sold: 269,683
1989 revenues: $14,794,000
established 1939

Smithville, City of
605 E. Broad, Box 228
Smithville, Tenn. 37166
(615) 597-4735
Mark Ashburn, Manager
customers: 2,238

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1989 MWh generated: 0
1989 MWh purchased: 70,354
1989 MWh sold: 67,321
1989 revenues: $3,738,000
established 1969

Somerville Light Gas & Water Department*
117 West North St.
Somerville, Tenn. 38068
(901) 465-3676
Kennie L. German Jr., General Manager
customers: 1,325
1989 MWh generated: 0
1989 MWh purchased: 33,400
1989 MWh sold: 31,655
1989 revenues: $1,894,000
established 1936

Sparta Electric System
545 E. Bockman Way, Box 468
Sparta, Tenn. 38583
(615) 738-2281
Wayne Rogers, Manager
customers: 2,601
1989 MWh generated: 0
1989 MWh purchased: 81,676
1989 MWh sold: 79,519
1989 revenues: $4,608,000
established 1962

Springfield, City of+ *
718 Central Ave., Box C
Springfield, Tenn. 37172
(615) 384-6770
Ralph W. Jarrell, General Manager
customers: 5,259
1989 MWh generated: 0
1989 MWh purchased: 162,930
1989 MWh sold: 155,727
1989 revenues: $9,541,000
established 1905

Sweetwater Utilities Board*
101 Oak St., Box 191
Sweetwater, Tenn. 37874
(615) 337-5081
Lewis W. Roach, General Manager
customers: 6,012
1989 MWh generated: 0
1989 MWh purchased: 165,328
1989 MWh sold: 158,214
1989 revenues: $8,946,000
established 1939

Trenton, City of*
309 S. College St.
Trenton, Tenn. 38382
(901) 855-1561
Paul W. Bennett, Manager
customers: 2,618
1989 MWh generated: 0
1989 MWh purchased: 81,400
1989 MWh sold: 78,100
1989 revenues: $4,416,000
established 1938

Tullahoma Utilities Board*
901 S. Jackson, Box 788
Tullahoma, Tenn. 37388
(615) 455-4515
Joe N. Loggins, General Manager
customers: 8,264
1989 MWh generated: 0
1989 MWh purchased: 247,930
1989 MWh sold: 233,672
1989 revenues: $13,117,000
established 1947

Union City Electric System*
312 N. Division St., Box 369
Union City, Tenn. 38261
(901) 885-9212
Stanley R. McMinn, Manager
customers: 5,735
1989 MWh generated: 0
1989 MWh purchased: 343,875
1989 MWh sold: 334,150
1989 revenues: $15,383,000
established 1952

Weakley County Municipal Electric System+ *
501 Lindell St., Box 170
Martin, Tenn. 38237-0170
(901) 587-9521
Gerald Brooks, Superintendent
customers: 17,169
1989 MWh generated: 0
1989 MWh purchased: 446,772
1989 MWh sold: 417,581
1989 revenues: $23,320,000
established 1938

Winchester, City of
219 Second Ave. N.W.
Winchester, Tenn. 37398
(615) 967-2238
Lynn Bean, Manager
customers: 4,017
1989 MWh generated: 0
1989 MWh purchased: 108,000
1989 MWh sold: 100,000
1989 revenues: $5,775,000
established 1939

Texas

Austin, City of+ *
721 Barton Springs Road
Austin, Texas 78704
(512) 322-9600
John Moore, Director
customers: 257,750
nameplate capacity (kW): nuclear: 216,688; coal: 615,000; gas: 1,608,000; other: 300
1989 MWh generated: 6,799,759
1989 MWh purchased:
from utilities: 126,746
from nonutilities: 3,793
1989 MWh sold: retail: 6,117,280
wholesale: 298,176
1989 revenues: retail: $379,143,000
wholesale: $7,714,000
established 1895

Bartlett, City of
140 W. Clark St., Drawer H
Bartlett, Texas 76511
(817) 527-3557
Mike Williams, Superintendent
customers: 680
1989 MWh generated: 0
1989 MWh purchased: 7,597
1989 MWh sold: 6,467
1989 revenues: $650,000
established 1920

Bastrop, City of
904 Main St., Box S
Bastrop, Texas 78602
(512) 321-3941
Joann Wilcoxen, Finance Director
customers: 1,916
1989 MWh generated: 0
1989 MWh purchased: 42,070
1989 MWh sold: 37,860
1989 revenues: $2,677,000

Bellville, City of
30 S. Holland, Drawer 817
Bellville, Texas 77418
(409) 865-3136
John Mumme, City Administrator
customers: 1,827
1989 MWh generated: 0
1989 MWh purchased: 44,073
1989 MWh sold: 41,336
1989 revenues: $1,957,000
established 1940

Boerne, City of
402 E. Blanco Road, Box 1677
Boerne, Texas 78006
(512) 249-9511
Ronald C. Bowman, City Administrator
customers: 2,425
1989 MWh generated: 0
1989 MWh purchased: 53,271
1989 MWh sold: 47,892
1989 revenues: $3,018,000
established 1943

Bowie, City of
304 Lindsey
Bowie, Texas 76230
(817) 872-1114
Ronnie Parkinson, Superintendent
customers: 2,949
1989 MWh generated: 0
1989 MWh purchased: 47,000
1989 MWh sold: 42,000
1989 revenues: $3,463,000
established 1917

Brady, City of
101 E. Main, Box 351
Brady, Texas 76825
(915) 597-2152
Thomas H. (Jack) Caffall, City Manager
customers: 3,068
nameplate capacity (kW): oil: 17,000
1989 MWh generated: 3,351
1989 MWh purchased: 52,236
1989 MWh sold: 48,457
1989 revenues: $3,753,000
established 1912

Brazos River Authority
Box 7555
Waco, Texas 76714
(817) 776-1441
Jack Wooley, Assistant General Manager
customers: unavailable
nameplate capacity (kW): hydro: 25,000
1989 MWh generated: 30,244
1989 MWh purchased: 0
1989 MWh sold: wholesale: 29,994
1989 revenues: wholesale: $323,000
established 1929

Brenham, City of
210 N. Park St., Box 1059
Brenham, Texas 77833
(409) 836-3436
Kent Van Eman, Director of Public Works
customers: 6,309
1989 MWh generated: 0
1989 MWh purchased: 222,213
1989 MWh sold: 217,689
1989 revenues: $10,082,000
established 1941

Bridgeport, City of
812 Halsell St.
Bridgeport, Texas 76026
(817) 683-2275
Doug Whitehead, Assistant City Administrator
customers: 1,646
nameplate capacity (kW): unavailable
1989 MWh generated: 30,000
1989 MWh purchased: 0
1989 MWh sold: 26,000
1989 revenues: $1,935,000
established 1926

Brownfield Municipal Light & Power
218 W. Main St.
Brownfield, Texas 79316
(806) 637-4547
R. C. Fletcher, City Manager
customers: 4,143
nameplate capacity (kW): gas: 21,900
1989 MWh generated: 3,408
1989 MWh purchased: 62,139
1989 MWh sold: 60,540
1989 revenues: $3,689,000
established 1923

Brownsville Public Utilities Board*
Box 3270
Brownsville, Texas 78520
(512) 544-3800
William Towers, General Manager & CEO
customers: 29,000
nameplate capacity (kW): coal: 67,450; gas: 107,000
1989 MWh generated: 404,824
1989 MWh purchased: 278,519
1989 MWh sold: retail: 591,257
wholesale: 81
1989 revenues: retail: $38,917,000
wholesale: $7,000
established 1904

Bryan, City of*
205 E. 28th St.
Bryan, Texas 77801
(409) 361-3750
Dan Wilkerson, Operations Manager
customers: 22,958
nameplate capacity (kW): gas: 243,000
1989 MWh generated: 403,249
1989 MWh purchased: 577,701
1989 MWh sold: retail: 502,379
wholesale: 456,126
1989 revenues: retail: $36,353,000
wholesale: $16,137,000
established 1919

Burnet, City of
127 E. Jackson St.
Burnet, Texas 78611
(512) 756-4858
Johnny Sartain, City Manager
customers: 2,078
1989 MWh generated: 0
1989 MWh purchased: 33,974
1989 MWh sold: 36,047
1989 revenues: $2,148,000

Caldwell, City of
107 S. Hill St.
Caldwell, Texas 77836
(409) 567-3271
William L. Broaddus, City Administrator
customers: 1,627
1989 MWh generated: 0
1989 MWh purchased: 41,000
1989 MWh sold: 37,000
1989 revenues: $2,947,000

Castroville, City of
1209 N. Florella st.
Castroville, Texas 78009
(512) 538-2224
Bruce A. Alexander, Superintendent
customers: 1,265
1989 MWh generated: 0
1989 MWh purchased: 15,837
1989 MWh sold: 13,608
1989 revenues: $1,135,000
established 1948

Coleman, City of
201 N. Colorado
Coleman, Texas 76834
(915) 625-4116
David S. Sooter, City Secretary
customers: 2,809
nameplate capacity (kW): gas: 16,900
1989 MWh generated: 5,656
1989 MWh purchased: 37,575
1989 MWh sold: 36,999
1989 revenues: $3,810,000
established 1904

College Station, City of*
1101 Texas Ave., Box 9960
College Station, Texas 77840

(409) 764-3688
John C. Woody, Assistant City Manager/Operations
customers: 20,069
1989 MWh generated: 0
1989 MWh purchased: 364,815
1989 MWh sold: 354,315
1989 revenues: $28,416,000
established 1939

Cuero, City of
201 E. Main, Box 512
Cuero, Texas 77954
(512) 275-6114
James C. Morgan, City Manager
customers: 3,526
1989 MWh generated: 0
1989 MWh purchased: 81,697
1989 MWh sold: 49,987
1989 revenues: $4,369,000

Denton, City of+ *
215 E. McKinney
Denton, Texas 76205
(817) 566-8230
Robert E. Nelson, Executive Director, Utilities
customers: 27,157
nameplate capacity (kW): gas: 174,100
1989 MWh generated: 61,526
1989 MWh purchased: 792,496
1989 MWh sold: retail: 731,046
wholesale: 87,309
1989 revenues: retail: $53,738,000
wholesale: $2,775,000
established 1905

Electra, City of
101 N. Main St.
Electra, Texas 76360
(817) 495-2432
Gene W. Minderman, Mayor
customers: 1,136
nameplate capacity (kW): gas: 4,200
1989 MWh generated: 5
1989 MWh purchased: 19,619
1989 MWh sold: 17,835
1989 revenues: $1,118,000
established 1939

Farmersville, City of
303 S. Main St.
Farmersville, Texas 75031
(214) 782-6151
Bob Brady, City Manager
customers: 1,382
1989 MWh generated: 0
1989 MWh purchased: 17,164
1989 MWh sold: 16,200
1989 revenues: $1,578,000
established 1930

Flatonia, City of
125 E.S. Main St., Box 375
Flatonia, Texas 78941
(512) 865-3548
Doris Walker, Clerk
customers: 949
1989 MWh generated: 0
1989 MWh purchased: 20,000
1989 MWh sold: 19,000
1989 revenues: $991,000
established 1945

Floresville Electric Light and Power System
1400 Fourth St., Box 218
Floresville, Texas 78114
(512) 393-3131
Fred R. Wauters, General Manager
customers: 9,704
1989 MWh generated: 0
1989 MWh purchased: 131,224
1989 MWh sold: 116,942
1989 revenues: $8,489,000
established 1943

Floydada, City of*
114 W. Virginia St., Box 10
Floydada, Texas 79235
(806) 983-2834
Connie Galloway, Superintendent
customers: 1,230
1989 MWh generated: 0
1989 MWh purchased: 16,446
1989 MWh sold: 15,021
1989 revenues: $1,018,000
established 1939

Fredericksburg, City of
126 W. Main St., Box 111
Fredericksburg, Texas 78624-0111
(512) 997-7521
Jerry Bain, Director of Public Works
customers: 4,236
1989 MWh generated: 0
1989 MWh purchased: 87,300
1989 MWh sold: 81,900
1989 revenues: $4,203,000
established 1935

Garland, City of*
200 N. Fifth St., Suite 427
Garland, Texas 75040
(214) 205-2472
William E. Dollar, Assistant City Manager
customers: 58,404
nameplate capacity (kW): gas: 441,600
1989 MWh generated: 747,074
1989 MWh purchased: 1,406,801
1989 MWh sold: retail: 1,553,732
wholesale: 505,826
1989 revenues: retail: $108,905,000
wholesale: $11,740,000
established 1922

Garrison, City of
Box 207
Garrison, Texas 75946
(409) 347-2201
Bob Pugh, Utilities Superintendent
customers: 545
1989 MWh generated: 0
1989 MWh purchased: 7,800
1989 MWh sold: 5,200
1989 revenues: $482,000

Georgetown Utilities
Box 409
Georgetown, Texas 78627-0409
(512) 869-3636
Jim Briggs, Director of Public Utilities
customers: 7,086
1989 MWh generated: 0
1989 MWh purchased: 171,279
1989 MWh sold: 171,279
1989 revenues: $10,056,000

Giddings, City of
118 E. Richmond St.
Giddings, Texas 78942
(409) 542-2311
James E. Dover, City Manager
customers: 2,031
1989 MWh generated: 0
1989 MWh purchased: 42,809
1989 MWh sold: 39,351
1989 revenues: $2,450,000
established 1941

Goldsmith, City of
Box 629
Goldsmith, Texas 79741
(915) 827-3404
Betty Sise, City Secretary
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable

Goldthwaite, City of
1218 Fisher St., Box 450
Goldthwaite, Texas 76844
(915) 648-3186
Dale Allen, City Manager
customers: 1,051
1989 MWh generated: 0
1989 MWh purchased: 15,950
1989 MWh sold: 14,690
1989 revenues: $877,000
established 1941

Gonzales, City of
820 St. Joseph St., Drawer 547
Gonzales, Texas 78629
(512) 672-2815
E. T. Gibson, City Manager
customers: 2,953
nameplate capacity (kW): unavailable
1989 MWh generated: 2,952
1989 MWh purchased: 64,483
1989 MWh sold: 60,958
1989 revenues: $3,856,000
established 1941

Granbury, City of*
Box 969
Granbury, Texas 76048
(817) 573-1115
Robert D. Brockman, City Manager
customers: 2,526
1989 MWh generated: 0
1989 MWh purchased: 61,270
1989 MWh sold: 56,442
1989 revenues: $3,713,000
established 1921

Greenville Electric Utility System+ *
2423 King St., Box 1049
Greenville, Texas 75401
(214) 457-3137
Thomas L. Darte, Director
customers: 11,470
nameplate capacity (kW): gas: 118,900; oil: 4,000
1989 MWh generated: 158,701
1989 MWh purchased: 392,415
1989 MWh sold: retail: 363,700
wholesale: 166,136
1989 revenues: retail: $24,528,000
wholesale: $5,434,000
established 1891

Guadalupe-Blanco River Authority*
933 E. Court St., Box 271
Seguin, Texas 78155
(512) 379-5822
John H. Specht, General Manager
customers: unavailable
nameplate capacity (kW): hydro: 22,000
1989 MWh generated: 44,348
1989 MWh purchased: 0
1989 MWh sold: wholesale: 44,348
1989 revenues: wholesale: $619,000
established 1963

Hallettsville Municipal Utilities
101 N. Main St., Box 257
Hallettsville, Texas 77964-0257
(512) 798-3681
Ervin Kolacny, Line Superintendent
customers: 1,544
1989 MWh generated: 0
1989 MWh purchased: 29,652
1989 MWh sold: 29,053
1989 revenues: $2,031,000
established 1891

Hearne, City of
210 Cedar St.
Hearne, Texas 77859
(409) 279-3461
Dorothy Lastor, City Manager
customers: 2,408
1989 MWh generated: 0
1989 MWh purchased: 41,102
1989 MWh sold: 31,627
1989 revenues: $2,247,000
established 1912

Hemphill, City of
Drawer L
Hemphill, Texas 75948
(409) 787-2251
Tommy Neal, City Manager
customers: 671
1989 MWh generated: 0
1989 MWh purchased: 13,697
1989 MWh sold: 11,789
1989 revenues: $906,000

Hempstead, City of
1125 Austin St.
Hempstead, Texas 77445
(409) 826-2486
James Vines, City Administrator
customers: 1,754
1989 MWh generated: 0
1989 MWh purchased: 37,807
1989 MWh sold: 33,053
1989 revenues: $1,277,000
established 1940

Hondo, City of
1600 Avenue M
Hondo, Texas 78861
(512) 426-3377
Oscar Dominguez, Manager
customers: 2,730
1989 MWh generated: 0
1989 MWh purchased: 48,930
1989 MWh sold: 45,041
1989 revenues: $3,660,000
established 1942

Jasper, City of*
272 E. Lamar St., Box 610
Jasper, Texas 75951
(409) 384-4651
Wayne DuBose, City Manager
customers: 4,149
1989 MWh generated: 0
1989 MWh purchased: 121,533
1989 MWh sold: 115,234
1989 revenues: $9,190,000
established 1948

Kerrville Public Utility Board*
2250 Memorial Blvd., Box 911
Kerrville, Texas 78029
(512) 257-3050
Bill Taylor, Manager
customers: 15,845
1989 MWh generated: 0
1989 MWh purchased: 339,350
1989 MWh sold: 318,108
1989 revenues: $19,745,000
established 1987

Kirbyville Light & Power Co.
107 S. Elizabeth St.
Kirbyville, Texas 75956
(409) 423-2464
C. B. Herndon, Manager
customers: 1,219
1989 MWh generated: 0
1989 MWh purchased: 18,105
1989 MWh sold: 17,199
1989 revenues: $1,363,000
established 1974

La Grange Utilities
155 E. Colorado St.
La Grange, Texas 78945
(409) 968-3127
Everett R. Bilbrey, Utilities Manager
customers: 2,640
1989 MWh generated: 0
1989 MWh purchased: 50,688
1989 MWh sold: 47,635
1989 revenues: $2,740,000

Lampasas, City of
302 E. Third St., Box 666
Lampasas, Texas 76550

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(512) 556-3641
J. O. Tanner, City Manager
customers: 3,378
1989 MWh generated: 0
1989 MWh purchased: 69,521
1989 MWh sold: 66,460
1989 revenues: $4,243,000
established 1946

Lexington, City of
Box 56
Lexington, Texas 78947
(409) 773-2221
Jerry E. Poston, Manager
customers: 481
1989 MWh generated: 0
1989 MWh purchased: 8,357
1989 MWh sold: 7,050
1989 revenues: $488,000
established 1938

Liberty, City of*
1829 Sam Houston St., City Hall
Liberty, Texas 77575
(409) 336-6872
Don Ivy, Electrical Superintendent
customers: 3,278
1989 MWh generated: 0
1989 MWh purchased: 95,434
1989 MWh sold: 86,858
1989 revenues: $7,720,000
established 1939

Livingston, City of*
200 W. Church St.
Livingston, Texas 77351
(409) 327-4311
Sam Gordon, City Manager
customers: 2,718
1989 MWh generated: 0
1989 MWh purchased: 66,239
1989 MWh sold: 63,233
1989 revenues: $5,827,000
established 1920

Llano Utilities
301 W. Main St.
Llano, Texas 78643
(915) 247-4158
George C. Rogers, City Manager
customers: 1,632
1989 MWh generated: 0
1989 MWh purchased: 34,200
1989 MWh sold: 31,170
1989 revenues: $2,369,000
established 1946

Lockhart, City of*
308 W. San Antonio St., Box 239
Lockhart, Texas 78644
(512) 398-3461
Joe A. Michie, City Manager
customers: 3,741
1989 MWh generated: 0
1989 MWh purchased: 69,000
1989 MWh sold: 66,000
1989 revenues: $3,548,000
established 1928

Lower Colorado River Authority*
3700 Lake Austin Blvd., Box 220
Austin, Texas 78767
(512) 473-3200
Mark Rose, General Manager
customers: 65
nameplate capacity (kW): coal: 1,075,000; hydro: 225,250; gas: 1,085,000
1989 MWh generated: 8,366,792
1989 MWh purchased: 94,137
1989 MWh sold: retail: 144,860
wholesale: 7,992,477
1989 revenues: retail: $5,327,000
wholesale: $287,604,000
established 1935

Lubbock, City of*
916 Texas Ave., Box 2000
Lubbock, Texas 79457
(806) 767-2500
Carroll McDonald, Assistant City Manager, Utilities
customers: 43,896
nameplate capacity (kW): gas: 195,700
1989 MWh generated: 639,226
1989 MWh purchased: 264,327
1989 MWh sold: 841,065
1989 revenues: $49,316,000
established 1916

Luling, City of
509 E. Crockett St., Box 630
Luling, Texas 78648-0630
(512) 875-2469
Harold Watts, City Manager
customers: 2,519
1989 MWh generated: 0
1989 MWh purchased: 42,600
1989 MWh sold: 39,575
1989 revenues: $2,449,000
established 1941

Mason, City of
124 Moody St., Box 68
Mason, Texas 76856
(915) 347-6449
Pattie L. Grote, City Secretary
customers: 1,349
1989 MWh generated: 0
1989 MWh purchased: 18,500
1989 MWh sold: 16,600
1989 revenues: $1,165,000
established 1945

Moulton, City of
102 S. West St., Box 369
Moulton, Texas 77975
(512) 596-4621
Richard Kresta Jr., City Secretary
customers: 661
1989 MWh generated: 0
1989 MWh purchased: 9,631
1989 MWh sold: 8,568
1989 revenues: $357,000
established 1939

New Braunfels Utilities*
263 Main Plaza E., Box 310289
New Braunfels, Texas 78131-0289
(512) 629-8400
Robert H. Sohn, General Manager
customers: 16,022
1989 MWh generated: 0
1989 MWh purchased: 735,263
1989 MWh sold: 699,709
1989 revenues: $30,869,000
established 1942

Newton, City of
Box 889
Newton, Texas 75966
(409) 379-4656
Charles Johnson, Electrical Superintendent
customers: 935
1989 MWh generated: 0
1989 MWh purchased: 17,783
1989 MWh sold: 15,193
1989 revenues: $1,281,000
established 1936

Plains, City of
Box 550
Plains, Texas 79355
(806) 456-2288
Suann Parrish, City Secretary
customers: 641
1989 MWh generated: 0
1989 MWh purchased: 5,774
1989 MWh sold: 4,423
1989 revenues: $386,000

Robstown, City of*
101 E. Main St., Box 71
Robstown, Texas 78380
(512) 387-3554
Roy Gutierrez, Superintendent
customers: 4,442
nameplate capacity (kW): gas: 21,100
1989 MWh generated: 25,061
1989 MWh purchased: 54,826
1989 MWh sold: 70,758
1989 revenues: $5,496,000
established 1939

San Antonio City Public Service Board*
145 Navarro, Box 1771
San Antonio, Texas 78296
(512) 227-3211
Arthur ~~von~~ Rosenberg, General Manager
customers: 465,990
nameplate capacity (kW): nuclear: 700,000; coal: 836,000; gas: 2,400,000
1989 MWh generated: 12,258,195
1989 MWh purchased: 151,652
1989 MWh sold: retail: 11,365,102
wholesale: 235,995
1989 revenues: retail: $660,268,000
wholesale: $9,009,000
established 1942

San Augustine, City of
301 S. Harrison St.
San Augustine, Texas 75972
(409) 275-2121
Alton Shaw, City Manager
customers: 1,056
1989 MWh generated: 0
1989 MWh purchased: 21,103
1989 MWh sold: 18,766
1989 revenues: $1,445,000
established 1917

Sanger, City of*
201 Bolivar St., Box 578
Sanger, Texas 76266
(817) 458-7930
Larry Yoast, Director
customers: 1,587
1989 MWh generated: 0
1989 MWh purchased: 26,000
1989 MWh sold: 22,614
1989 revenues: $1,745,000
established 1929

San Marcos Electric Utility
Box 788
San Marcos, Texas 78666
(512) 396-2451
Ray Berry, Manager
customers: 12,420
1989 MWh generated: 0
1989 MWh purchased: 331,324
1989 MWh sold: 309,599
1989 revenues: $17,413,000
established 1986

San Saba Electric Utility
302 E. Wallace
San Saba, Texas 76877
(915) 372-3131
Ray Berry, District Manager
customers: 1,713
1989 MWh generated: 0
1989 MWh purchased: 26,435
1989 MWh sold: 25,221
1989 revenues: $1,585,000

Schulenburg, City of
607 Upton St.
Schulenburg, Texas 78956
(409) 743-4126
Robert A. Hoot, Utility Manager
customers: 1,590
1989 MWh generated: 0
1989 MWh purchased: 30,701
1989 MWh sold: 28,574
1989 revenues: $1,456,000
established 1941

Seguin, City of
205 N. River St., Box 591
Seguin, Texas 78155
(512) 379-3212
Jake Krauskopf, Acting City Manager
customers: 8,180
nameplate capacity (kW): hydro: 250
1989 MWh generated: 291
1989 MWh purchased: 185,063
1989 MWh sold: 176,965
1989 revenues: $10,622,000
established 1907

Seymour, City of
301 N. Washington St., Box 31
Seymour, Texas 76380
(817) 888-3148
Nolan Davis, Mayor
customers: 1,763
1989 MWh generated: 0
1989 MWh purchased: 27,267
1989 MWh sold: 25,581
1989 revenues: $1,724,000
established 1929

Shiner, City of
Box 308
Shiner, Texas 77984
(512) 594-3362
Norma Goetz, City Secretary
customers: 1,344
1989 MWh generated: 0
1989 MWh purchased: 28,734
1989 MWh sold: 25,619
1989 revenues: $1,785,000

Smithville, City of
317 Main St., Box 449
Smithville, Texas 78957
(512) 237-3267
Vernon Richards, Mayor
customers: 1,713
1989 MWh generated: 0
1989 MWh purchased: 20,191
1989 MWh sold: 18,370
1989 revenues: $1,357,000
established 1939

Texas A & M University
Box 217
College Station, Texas 77843
(409) 845-1232
J. J. Estill, Physical Plant Director
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1916

University of Texas at Austin
Drawer 7580
Austin, Texas 78712
(512) 471-6241
H. T. Ward, Utility Director
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1930

Timpson, City of
Box 369
Timpson, Texas 75975
(409) 254-2421
Tommy Sparks, Superintendent
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable

Tulia, City of
201 N. Maxwell St.
Tulia, Texas 79088
(806) 995-3547
N. D. Waggoner, Director
customers: 2,250
nameplate capacity (kW): gas: 16,700
1989 MWh generated: 56
1989 MWh purchased: 29,803

1989 MWh sold: 26,389
1989 revenues: $1,832,000
established 1912

Waelder, City of
Box 427
Waelder, Texas 78959
(512) 665-7331
Alice Drake, Secretary
customers: 453
1989 MWh generated: 0
1989 MWh purchased: 7,098
1989 MWh sold: 6,458
1989 revenues: $279,000
established 1927

Weatherford Municipal Utility System*
303 Palo Pinto St., Box 255
Weatherford, Texas 76086
(817) 594-5441
James R. Dickason, Director of Utilities
customers: 8,518
nameplate capacity (kW): gas: 2,800; oil: 3,100
1989 MWh generated: 1,686
1989 MWh purchased: 36,066
1989 MWh sold: 170,580
1989 revenues: $11,626,000
established 1940

Weimar, City of+ *
106 E. Main St., Box 67
Weimar, Texas 78962
(409) 725-8554
Francis E. Parks, City Manager
customers: 1,133
1989 MWh generated: 0
1989 MWh purchased: 30,617
1989 MWh sold: 28,310
1989 revenues: $1,618,000
established 1939

Whitesboro, City of
112 W. Main St., Box 340
Whitesboro, Texas 76273
(214) 564-3311
Joe N. West, City Administrator
customers: 1,590
nameplate capacity (kW): gas: 2,700
1989 MWh generated: 2,500
1989 MWh purchased: 23,000
1989 MWh sold: 25,500
1989 revenues: $1,500,000
established 1914

Yoakum, City of*
900 Irvine St., Box 738
Yoakum, Texas 77995
(512) 293-6321
William H. Lewis, City Manager
customers: 3,016
1989 MWh generated: 0
1989 MWh purchased: 58,517
1989 MWh sold: 51,589
1989 revenues: $3,291,000

Utah

Beaver City Corp.*
60 W. Center St.
Beaver City, Utah 84713
(801) 438-2451
Hal R. Lessing, City Recorder
customers: 954
nameplate capacity (kW): hydro: 900
1989 MWh generated: 3,315
1989 MWh purchased: 19,960
1989 MWh sold: 20,705
1989 revenues: $1,161,000

Blanding, City of*
50 W. 100 South
Blanding, Utah 84511
(801) 678-2791
Norman L. Johnson, City Manager/Recorder
customers: 1,158
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 13,000
from nonutilities: 9,000
1989 MWh sold: 18,000
1989 revenues: retail: $1,204,000
wholesale: $26,000
established 1941

Bountiful City Light & Power*
198 S. 200 West St.
Bountiful City, Utah 84010
(801) 295-9496
Clifford C. Michaelis, Director
customers: 12,509
nameplate capacity (kW): hydro: 4,600; gas: 14,000; oil: 200
1989 MWh generated: 9,117
1989 MWh purchased: 211,413
1989 MWh sold: 207,837
1989 revenues: retail: $9,666,000
wholesale: $88,000
established 1935

Brigham City Corp.+ *
20 N. Main St., Box A
Brigham City, Utah 84302
(801) 734-2001
James D. Davis, Director of Public Utilities
customers: 5,735
nameplate capacity (kW): hydro: 1,700
1989 MWh generated: 6,890
1989 MWh purchased: 72,922
1989 MWh sold: 74,875
1989 revenues: $4,367,000
established 1905

Enterprise, City of*
15 S. 100 East, Box 340
Enterprise, Utah 84725-0340
(801) 878-2412
Richard P. Truman, Supervisor
customers: 404
1989 MWh generated: 0
1989 MWh purchased: 6,556
1989 MWh sold: 5,414
1989 revenues: $294,000
established 1972

Ephraim, City of*
5 S. Main St.
Ephraim, Utah 84627
(801) 283-4631
Alan Grindstaff, City Administrator
customers: 1,057
nameplate capacity (kW): hydro: 3,200
1989 MWh generated: 4,947
1989 MWh purchased: 14,489
1989 MWh sold: 16,486
1989 revenues: $1,068,000

Fairview City Corp.*
Box 97
Fairview, Utah 84629
(801) 427-3858
Kent Miner, City Manager
customers: 550
1989 MWh generated: 0
1989 MWh purchased: 5,130
1989 MWh sold: 4,912
1989 revenues: $369,000
established 1903

Fillmore City Corp.*
96 S. Main St., Box 686
Fillmore, Utah 84631
(801) 743-5514
Annette Johnson, City Treasurer
customers: 919
1989 MWh generated: 0
1989 MWh purchased: 24,096
1989 MWh sold: 22,198
1989 revenues: $1,422,000
established 1918

Heber Light & Power Co.*
31 S. 100 West
Heber City, Utah 84032
(801) 654-1581
Ray Farrell, General Manager
customers: 4,028
nameplate capacity (kW): hydro: 2,300; gas: 2,400
1989 MWh generated: 8,735
1989 MWh purchased: 38,258
1989 MWh sold: 39,527
1989 revenues: $2,810,000
established 1909

Helper, City of
73 S. Main St.
Helper, Utah 84526
(801) 472-5391
Mike Dalpaiz, Mayor
customers: 1,048
1989 MWh generated: 0
1989 MWh purchased: 11,000
1989 MWh sold: 8,500
1989 revenues: $717,000
established 1900

Holden Town Corp.*
Box 127
Holden, Utah 84636
(801) 795-2672
Mary Johnson, Board Member
customers: 175
1989 MWh generated: 0
1989 MWh purchased: 2,755
1989 MWh sold: 2,755
1989 revenues: $141,000
established 1922

Hurricane Power Committee+ *
Box 918
Hurricane, Utah 84737
(801) 635-2811
Rick Marchal, Director of Utility
customers: 1,603
1989 MWh generated: 0
1989 MWh purchased: 24,966
1989 MWh sold: 24,966
1989 revenues: $1,581,000
established 1975

Hyrum City Corp.*
83 W. Main St.
Hyrum, Utah 84319
(801) 245-6033
D. Brent Jensen, City Recorder
customers: 1,465
nameplate capacity (kW): hydro: 500
1989 MWh generated: 2,767
1989 MWh purchased: 48,716
1989 MWh sold: 48,694
1989 revenues: $2,457,000

Kanab City Corp.*
76 N. Main #14
Kanab, Utah 84741
(801) 644-2534
James H. Willis, Power Manager
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1987

Kanosh Corp., Town of*
Box 96
Kanosh, Utah 84637
(801) 759-2414
Robert Nafus
customers: 202
1989 MWh generated: 0
1989 MWh purchased: 1,326
1989 MWh sold: 1,287
1989 revenues: $130,000

Kaysville, City Corp.*
23 E. Center
Kaysville, Utah 84037
(801) 544-8925
Walt Meacham, Electric Superintendent
customers: 4,036
nameplate capacity (kW): unavailable
1989 MWh generated: 35,774
1989 MWh purchased: 16,321
1989 MWh sold: 45,965
1989 revenues: $3,321,000
established 1908

Lehi City*
300 N. 500 W.
Lehi, Utah 84043
(801) 768-3030
Glen Carter, Power Superintendent
customers: 2,758
1989 MWh generated: 0
1989 MWh purchased: 21,810
1989 MWh sold: 21,810
1989 revenues: $1,519,000
established 1926

Levan Town Corp.*
20 N. Main
Levan, Utah 84639
(801) 623-1959
Ted Bosh, Manager
customers: 200
1989 MWh generated: 0
1989 MWh purchased: 3,501
1989 MWh sold: 2,896
1989 revenues: $133,000
established 1919

Logan, City of*
255 N. Main St.
Logan, Utah 84321
(801) 752-3068
Vaun Bethers, Director
customers: 11,780
nameplate capacity (kW): hydro: 7,900; oil: 5,200
1989 MWh generated: 25,902
1989 MWh purchased: 225,698
1989 MWh sold: 238,958
1989 revenues: $14,250,000
established 1903

Manti, City of*
50 S. Main St.
Manti, Utah 84642
(801) 835-2401
Gene Rogers, Superintendent
customers: 1,050
nameplate capacity (kW): hydro: 2,800
1989 MWh generated: 3,185
1989 MWh purchased: 12,775
1989 MWh sold: 13,396
1989 revenues: $805,000
established 1919

Meadow Town Corp.*
Box 88
Meadow, Utah 84644
(801) 842-7281
James Starkey
customers: 149
1989 MWh generated: 0
1989 MWh purchased: 2,537
1989 MWh sold: 1,579
1989 revenues: $111,000
established 1910

Monroe City, City of*
10 N. Main St., Box A
Monroe, Utah 84754
(801) 527-4621
Doug Gadd, Supervisor
customers: 651

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

nameplate capacity (kW): hydro: 700
1989 MWh generated: 3,405
1989 MWh purchased: 6,753
1989 MWh sold: 8,516
1989 revenues: $527,000

Morgan City Corp.*
48 W. Young St., Box 267, Room 32
Morgan, Utah 84050
(801) 829-3515
Dennis D. Woolsey, Power Superintendent
customers: 798
nameplate capacity (kW): unavailable
1989 MWh generated: 11,397
1989 MWh purchased: 0
1989 MWh sold: 9,865
1989 revenues: $452,000
established 1933

Mount Pleasant, City of*
115 W. Main St.
Mount Pleasant, Utah 84647
(801) 462-2456
Dan Anderson, Power Superintendent
customers: 956
nameplate capacity (kW): hydro: 400
1989 MWh generated: 1,105
1989 MWh purchased: 11,735
1989 MWh sold: 11,240
1989 revenues: $826,000
established 1913

Murray, City of*
153 W. 4800 South St.
Murray City, Utah 84107
(801) 264-2651
John Mohlman, General Manager
customers: 14,295
nameplate capacity (kW): hydro: 4,950; gas: 6,400
1989 MWh generated: 10,913
1989 MWh purchased: 258,571
1989 MWh sold: 245,708
1989 revenues: $15,460,000
established 1913

Nephi City Corp.*
21 E. First N.
Nephi, Utah 84648
(801) 623-0822
Lee Fowkes, Electrical Superintendent
customers: 1,357
1989 MWh generated: 0
1989 MWh purchased: 35,677
1989 MWh sold: 33,007
1989 revenues: $2,022,000
established 1906

Oak City, Town of*
Box 217
Oak City, Utah 84649
(801) 846-2018
DeAnn Steele, Treasurer
customers: 236
1989 MWh generated: 0
1989 MWh purchased: 3,141
1989 MWh sold: 2,521
1989 revenues: $145,000
established 1926

Paragonah Municipal Light Department
Paragonah, Utah 84760
(801) 477-8164
William Johnson
customers: 160
1989 MWh generated: 0
1989 MWh purchased: 2,372
1989 MWh sold: 1,331
1989 revenues: $64,000

Parowan City Corp.*
Box 576
Parowan, Utah 84761
(801) 477-3331
Jim Burns, City Manager
customers: 954
nameplate capacity (kW): hydro: 1,200
1989 MWh generated: 3,754
1989 MWh purchased: 10,318
1989 MWh sold: retail: 11,974
wholesale: 662
1989 revenues: retail: $745,000
wholesale: $34,000
established 1929

Payson City Corp.+ *
439 W. Utah Ave.
Payson, Utah 84651
(801) 465-2580
Ronnie Crump, Electrical Superintendent
customers: 2,942
nameplate capacity (kW): unavailable
1989 MWh generated: 440
1989 MWh purchased: 43,284
1989 MWh sold: 37,075
1989 revenues: $2,533,000
established 1897

Price Municipal Corp.
185 E. Main St., Box 893
Price, Utah 84501
(801) 637-5010
Lou Colosimo, Mayor
customers: 3,514
1989 MWh generated: 0
1989 MWh purchased: 56,522
1989 MWh sold: 51,168
1989 revenues: $3,947,000

Provo City Power+ *
251 W. 800 N., Box 658
Provo, Utah 84601
(801) 379-6800
Ronald D. Rydman, Director of Energy
customers: 23,552
1989 MWh generated: 0
1989 MWh purchased: 508,298
1989 MWh sold: 470,483
1989 revenues: $28,658,000
established 1940

St. George, City of*
175 E. 200 North
St. George, Utah 84770
(801) 634-5800
Wayne M. McArthur, Water & Power Director
customers: 10,450
nameplate capacity (kW): hydro: 400; oil: 20,800
1989 MWh generated: 3,694
1989 MWh purchased: 275,424
1989 MWh sold: 242,418
1989 revenues: $10,765,000
established 1942

Salem City Corp.*
30 W. 100 South St., Box 901
Salem, Utah 84653
(801) 423-2770
Paul J. Hair, City Recorder
customers: 75
1989 MWh generated: 0
1989 MWh purchased: 8,739
1989 MWh sold: 8,353
1989 revenues: $558,000
established 1922

Santa Clara, City of*
2721 W. Santa Clara Drive, Box 699
Santa Clara, Utah 84765
(801) 673-6712
Paul Grimshaw, Councilman over Power
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1988

Spanish Fork City, City of*
40 S. Main St.
Spanish Fork City, Utah 84660
(801) 798-3568
Jeff Foster, Power Superintendent
customers: 3,708
1989 MWh generated: 0
1989 MWh purchased: 64,000
1989 MWh sold: 60,300
1989 revenues: $4,165,000
established 1919

Spring City Corp.*
Box 189
Spring City, Utah 84662
(801) 462-2282
Kent Kummer, Power Manager
customers: 309
nameplate capacity (kW): unavailable
1989 MWh generated: 960
1989 MWh purchased: 1,980
1989 MWh sold: 2,640
1989 revenues: $141,000
established 1912

Springville, City of*
50 Main St., Box 32
Springville, Utah 84663
(801) 489-3414
Calvin J. Baxter, Electrical Superintendent
customers: 5,059
nameplate capacity (kW): hydro: 2,300; gas: 14,000
1989 MWh generated: 3,689
1989 MWh purchased: 96,268
1989 MWh sold: 88,112
1989 revenues: $5,840,000
established 1906

Strawberry Electric Service District*
Box 70
Payson, Utah 84651
(801) 465-9273
Gary A. Aitken, Clerk
customers: 1,993
1989 MWh generated: 0
1989 MWh purchased: 37,443
1989 MWh sold: 30,850
1989 revenues: $2,125,000
established 1986

Washington, City of*
111 N. 100 E., Box 575
Washington, Utah 84780
(801) 628-1666
Ralph McClure, City Manager
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: unavailable
1989 MWh sold: unavailable
1989 revenues: unavailable
established 1988

Vermont

Barton Village, Inc.*
Main Street, Box D
Barton, Vt. 05822
(802) 525-4748
Superintendent
customers: 1,731
nameplate capacity (kW): hydro: 1,400; oil: 1,400
1989 MWh generated: 4,000
1989 MWh purchased: 12,000
1989 MWh sold: 15,000
1989 revenues: retail: $991,000
wholesale: $15,000

Burlington, City of+ *
585 Pine St.
Burlington, Vt. 05401
(802) 658-0300
Robert C. Young, General Manager
customers: 18,002
nameplate capacity (kW): oil: 28,000; other: 25,000
1989 MWh generated: 99,386
1989 MWh purchased: 388,947
1989 MWh sold: retail: 353,563
wholesale: 109,824
1989 revenues: retail: $29,067,000
wholesale: $7,338,000
established 1905

Enosburg Water & Electric Department*
RR 4, Box 80
Enosburg Falls, Vt. 05450
(802) 933-5544
Ed Gil de Rubio, General Manager
customers: 1,251
nameplate capacity (kW): hydro: 800; oil: 900
1989 MWh generated: 3,373
1989 MWh purchased: 14,532
1989 MWh sold: 16,559
1989 revenues: $1,148,000
established 1928

Hardwick Electric Department
Box 516
Hardwick, Vt. 05843
(802) 472-5201
Jack Young, General Manager
customers: 3,509
nameplate capacity (kW): hydro: 815; oil: 600
1989 MWh generated: 3,097
1989 MWh purchased:
from utilities: 40,651
from nonutilities: 192
1989 MWh sold: 31,596
1989 revenues: retail: $2,357,000
wholesale: $233,000

Hyde Park, Village of*
Box 190
Hyde Park, Vt. 05655
(802) 888-2310
Carmeline F. Williams, Clerk/Treasurer
customers: 936
1989 MWh generated: 0
1989 MWh purchased: 17,108
1989 MWh sold: retail: 7,989
wholesale: 8,250
1989 revenues: retail: $699,000
wholesale: $325,000
established 1895

Jacksonville, Village of
Jacksonville, Vt. 05342
(802) 368-2811
Julia B. Fox, Clerk/Treasurer
customers: 572
1989 MWh generated: 0
1989 MWh purchased: 5,079
1989 MWh sold: 4,755
1989 revenues: $446,000
established 1922

Johnson, Village of, Inc.
Box 603
Johnson, Vt. 05656
(802) 635-2301
Kenneth Phelps, Commissioner
customers: 746
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 31,078
from nonutilities: 427
1989 MWh sold: retail: 16,850
wholesale: 12,843
1989 revenues: retail: $1,152,000
wholesale: $504,000
established 1894

Ludlow, Village of
Box 289
Ludlow, Vt. 05149
(802) 228-7766
Howard Barton, Superintendent
customers: 3,186

VERMONT *(continued)*

1989 MWh generated: 0
1989 MWh purchased: 44,682
1989 MWh sold: retail: 40,690
wholesale: 1,023
1989 revenues: $3,382,000
established 1900

Lyndonville, Village of*
24 Main St.
Lyndonville, Vt. 05851
(802) 626-3366
Kenneth C. Mason, Manager
customers: 4,297
nameplate capacity (kW): hydro: 2,300
1989 MWh generated: 8,028
1989 MWh purchased: 57,615
1989 MWh sold: retail: 52,071
wholesale: 5,628
1989 revenues: retail: $4,386,000
wholesale: $226,000
established 1896

Morrisville Water and Light Department*
18 Portland St., Box 325
Morrisville, Vt. 05661-0325
(802) 888-4961
James C. Fox, Manager
customers: 2,971
nameplate capacity (kW): hydro: 5,100
1989 MWh generated: 10,222
1989 MWh purchased:
from utilities: 46,750
from nonutilities: 934
1989 MWh sold: retail: 44,287
wholesale: 2,234
1989 revenues: $3,197,000
established 1895

Northfield, Village of
26 S. Main St.
Northfield, Vt. 05663
(802) 485-5411
Theodore M. Nelson, Interim Manager
customers: 1,814
1989 MWh generated: 0
1989 MWh purchased: 35,123
1989 MWh sold: retail: 20,490
wholesale: 4,891
1989 revenues: retail: $1,963,000
wholesale: $216,000
established 1895

Orleans, Incorporated Village of
Memorial Square
Orleans, Vt. 05860
(802) 754-8584
Slayton R. Marsh, Superintendent
customers: 613
1989 MWh generated: 0
1989 MWh purchased: 16,305
1989 MWh sold: 15,324
1989 revenues: $1,080,000
established 1925

Readsboro's Electric Department
Main St., Box 247
Readsboro, Vt. 05350
(802) 423-7010
Margie Cristofolini, Town Clerk
customers: 320
1989 MWh generated: 0
1989 MWh purchased: 2,478
1989 MWh sold: 2,265
1989 revenues: $177,000
established 1936

Stowe, Village of
Main St., Box 190
Stowe, Vt. 05672
(802) 253-7215
Fred Hutchins, General Manager
customers: 2,813
1989 MWh generated: 0
1989 MWh purchased: 65,863
1989 MWh sold: 65,343
1989 revenues: $4,806,000
established 1896

Swanton, Village of*
120 First St.
Swanton, Vt. 05488
(802) 868-3397
George H. Laque, Village Manager
customers: 2,823
nameplate capacity (kW): hydro: 6,500
1989 MWh generated: 18,000
1989 MWh purchased: 37,400
1989 MWh sold: retail: 44,600
wholesale: 2,500
1989 revenues: retail: $3,726,000
wholesale: $115,000
established 1894

Virgin Islands

Virgin Islands Water & Power Authority+ *
Building #18 Sub Base, Box 1450
St. Thomas, V.I. 00801
(809) 774-3552
Alberto Bruno-Vega, Executive Director
customers: 43,235
nameplate capacity (kW): unavailable
1989 MWh generated: 548,621
1989 MWh purchased: 0
1989 MWh sold: 490,695
1989 revenues: $57,051,000
established 1965

Virginia

(Systems designated (TVA) are distributors of Tennessee Valley Authority power and purchase all of their power from TVA.)

Bedford, City of*
215 E. Main St.
Bedford, Va. 24523
(703) 586-7171
Robert J. Schnabl, Electric Utility Director
customers: 5,638
nameplate capacity (kW): hydro: 6,300
1989 MWh generated: 11,937
1989 MWh purchased: 178,766
1989 MWh sold: 177,866
1989 revenues: $9,905,000
established 1911

Blackstone, Town of*
100 W. Elm, Box 311
Blackstone, Va. 23824
(804) 292-7251
J. Larry Palmore, Director of Public Utilities
customers: 1,860
1989 MWh generated: 0
1989 MWh purchased: 38,785
1989 MWh sold: 36,768
1989 revenues: $2,646,000
established 1927

Bristol, City of*
300 Lee St.
Bristol, Va. 24203-8100
(703) 645-8702
Thomas E. Adams, General Manager
customers: 14,086
1989 MWh generated: 0
1989 MWh purchased: 486,328 (TVA.)
1989 MWh sold: 458,508
1989 revenues: $24,233,000
established 1945

Culpeper, Town of*
118 W. Davis St.
Culpeper, Va. 22701-3092
(703) 825-1120
G. W. Griffin, Town Manager
customers: 2,324
nameplate capacity (kW): gas: 3,575; oil: 3,600
1989 MWh generated: 1,632
1989 MWh purchased: 43,661
1989 MWh sold: 41,771
1989 revenues: $2,901,000
established 1934

Danville, City of+ *
418 Patton St., Box 3300
Danville, Va. 24543
(804) 799-5270
John R. Sweeney, Director of Utilities
customers: 43,832
nameplate capacity (kW): hydro: 10,200
1989 MWh generated: 40,605
1989 MWh purchased: 712,741
1989 MWh sold: 696,761
1989 revenues: $33,658,000
established 1886

Elkton, Town of+ *
173 W. Spotswood Ave.
Elkton, Va. 22827
(703) 298-1330
Gerald K. Monger, Superintendent
customers: 928
1989 MWh generated: 0
1989 MWh purchased: 17,003
1989 MWh sold: 14,269
1989 revenues: $963,000

Franklin, City of*
Box 179
Franklin, Va. 23851
(804) 562-8568
David A. Howe, Director
customers: 4,086
1989 MWh generated: 0
1989 MWh purchased: 103,066
1989 MWh sold: 97,968
1989 revenues: $6,658,000
established 1891

Front Royal Electric Department
520-A E. Sixth St.
Front Royal, Va. 22630
(703) 635-3027
C. W. Fristoe Jr., Superintendent
customers: 5,869
1989 MWh generated: 0
1989 MWh purchased: 110,952
1989 MWh sold: 96,051
1989 revenues: $5,548,000
established 1894

Harrisonburg, City of*
89 W. Bruce St.
Harrisonburg, Va. 22801
(703) 434-5361
Michael J. York, General Manager
customers: 12,889
1989 MWh generated: 0
1989 MWh purchased: 441,532
1989 MWh sold: 426,033
1989 revenues: $26,167,000
established 1957

Manassas, City of+ *
8500 Public Works Drive, Box 560
Manassas, Va. 22110
(703) 257-8351
Philip L. Young, Director of Electric Utilities
customers: 11,177
nameplate capacity (kW): unavailable
1989 MWh generated: 1,970
1989 MWh purchased: 240,992
1989 MWh sold: 229,734
1989 revenues: $15,695,000
established 1912

Martinsville, City of+ *
55 W. Church St.
Martinsville, Va. 24114
(703) 638-3971
Robert I. Corekin, Director
customers: 8,014
nameplate capacity (kW): hydro: 1,300
1989 MWh generated: 4,588
1989 MWh purchased: 194,480
1989 MWh sold: 187,789
1989 revenues: $9,827,000
established 1900

Radford, City of+ *
701 17th St.
Radford, Va. 24141
(703) 731-3641
W. E. Willis, Director
customers: 6,206
nameplate capacity (kW): hydro: 1,000
1989 MWh generated: 3,948
1989 MWh purchased: 250,474
1989 MWh sold: 244,684
1989 revenues: $11,422,000
established 1922

Richlands, Town of*
217 Railroad Ave.
Richlands, Va. 24641
(703) 964-2567
Garnet Sword, Electrical Superintendent
customers: 2,900
1989 MWh generated: 0
1989 MWh purchased: 58,464
1989 MWh sold: 52,259
1989 revenues: $2,902,000

Salem, City of*
19 N. Broad St., Box 869
Salem, Va. 24153
(703) 375-3030
Doug Smith, Director
customers: 11,214
1989 MWh generated: 0
1989 MWh purchased: 321,817
1989 MWh sold: 304,973
1989 revenues: $14,503,000
established 1894

Virginia Tech Electric Service
1421 N. Main St., Shenandoah Shopping Center
Blacksburg, Va. 24060
(703) 231-6437
R. E. Powell, Assistant Director
customers: 5,196
nameplate capacity (kW): unavailable
1989 MWh generated: 15,962
1989 MWh purchased: 189,757
1989 MWh sold: 197,253
1989 revenues: $9,491,000

Wakefield, Town of
Box 550
Wakefield, Va. 23888
(804) 899-2361
Marvin C. Stephenson, Superintendent of Utilities
customers: 566
1989 MWh generated: 0
1989 MWh purchased: 9,770
1989 MWh sold: 8,265
1989 revenues: $574,000
established 1922

Washington

Benton County, Public Utility District No. 1 of+ *

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* Member, American Public Power Association
+ Member, Demonstration of Energy Efficient Developments Program

Box 6270
Kennewick, Wash. 99336
(509) 582-2175
Donald R. Clayhold, Manager
customers: 31,898
1989 MWh generated: 0
1989 MWh purchased: 1,380,727
1989 MWh sold: 1,329,341
1989 revenues: $47,648,000
established 1934

Blaine, City of*
344 H. St., Box 490
Blaine, Wash. 98230
(206) 332-8311
Eric M. Peterson, City Manager
customers: 1,786
1989 MWh generated: 0
1989 MWh purchased: 52,337
1989 MWh sold: 50,172
1989 revenues: $2,019,000
established 1907

Cashmere, City of
101 Woodring St.
Cashmere, Wash. 98815
(509) 782-3513
David L. Simmer, City Superintendent
customers: 1,712
1989 MWh generated: 0
1989 MWh purchased: 50,002
1989 MWh sold: 47,165
1989 revenues: $845,000
established 1908

Centralia, City of*
1100 N. Tower Ave.
Centralia, Wash. 98531
(206) 736-7611
William C. Cummings, Director
customers: 7,741
nameplate capacity (kW): hydro: 12,000
1989 MWh generated: 76,817
1989 MWh purchased: 134,086
1989 MWh sold: 199,886
1989 revenues: $6,571,000
established 1895

Chelan County, Public Utility District No. 1 of+ *
Box 1231, 327 N. Wenatchee Ave.
Wenatchee, Wash. 98801
(509) 663-8121
Gerald L. Copp, CEO/General Manager
customers: 28,849
nameplate capacity (kW): hydro: 1,951,700
1989 MWh generated: 8,056,867
1989 MWh purchased:
  from utilities: 265,145
  from nonutilities: 5
1989 MWh sold: retail: 1,110,652
  wholesale: 7,685,303
1989 revenues: retail: $20,505,000
  wholesale: $70,135,000
established 1936

Cheney, City of
112 Anderson Road
Cheney, Wash. 99004
(509) 235-7235
Tom G. Richardson, Director, Light Department
customers: 2,905
1989 MWh generated: 0
1989 MWh purchased: 102,200
1989 MWh sold: 94,224
1989 revenues: $3,834,000
established 1931

Chewelah, City of
E. 301 Clay, Box 258
Chewelah, Wash. 99109
(509) 935-8311
David L. Park, Electric Dept. Mgr.
customers: 994
1989 MWh generated: 0
1989 MWh purchased: 22,000
1989 MWh sold: 20,000
1989 revenues: $1,038,000
established 1929

Clallam County, Public Utility District No. 1 of+ *
2419 Highway 101 E., Box 1090
Port Angeles, Wash. 98362
(206) 452-9771
Michael McInnes, Manager
customers: 19,748
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 449,819
  from nonutilities: 249
1989 MWh sold: 419,043
1989 revenues: $18,062,000
established 1944

Clark Public Utilities*
Box 8900
Vancouver, Wash. 98668
(206) 699-3000
Bruce Bosch, CEO/General Manager
customers: 98,310
1989 MWh generated: 0
1989 MWh purchased: 3,066,773
1989 MWh sold: 2,928,765
1989 revenues: $106,527,000
established 1938

Coulee Dam, City of
Box 156
Coulee Dam, Wash. 99116
(509) 633-1091
Sandra Bradley, Clerk
customers: 585
1989 MWh generated: 0
1989 MWh purchased: 18,465
1989 MWh sold: 15,350
1989 revenues: $459,000
established 1959

Cowlitz County, Public Utility District No. 1 of*
960 Commerce Ave., Box 3007
Longview, Wash. 98632
(206) 423-2210
Robert L. McKinney, General Manager
customers: 37,727
nameplate capacity (kW): hydro: 70,000
1989 MWh generated: 206,776
1989 MWh purchased: 4,029,787
1989 MWh sold: retail: 2,812,309
  wholesale: 1,358,395
1989 revenues: retail: $68,908,000
  wholesale: $33,282,000
established 1936

Douglas County, Public Utility District No. 1 of*
1151 Valley Mall Parkway
East Wenatchee, Wash. 98802
(509) 884-7191
Eldon E. Landin, Manager
customers: 11,837
nameplate capacity (kW): hydro: 774,000
1989 MWh generated: 3,752,079
1989 MWh purchased: 158,475
1989 MWh sold: retail: 602,500
  wholesale: 2,913,227
1989 revenues: retail: $8,565,000
  wholesale: $22,028,000
established 1945

Eatonville, Town of
201 Center St. W., Box 309
Eatonville, Wash. 98328
(206) 832-3244
Stanley Dekofski, Electrical Supervisor
customers: 620
1989 MWh generated: 0
1989 MWh purchased: 18,031
1989 MWh sold: 16,932
1989 revenues: $708,000
established 1913

Ellensburg, City of*
420 N. Pearl St.
Ellensburg, Wash. 98926
(509) 962-7224
Doug Williams, City Manager
customers: 5,381
1989 MWh generated: 0
1989 MWh purchased: 154,805
1989 MWh sold: 150,672
1989 revenues: $5,973,000
established 1891

Ferry County, Public Utility District No. 1 of
686 S. Clark Ave., Box 1039
Republic, Wash. 99166
(509) 775-3325
Kenneth R. Coyle, Manager
customers: 2,369
1989 MWh generated: 0
1989 MWh purchased: 73,924
1989 MWh sold: 68,832
1989 revenues: $3,297,000
established 1936

Fircrest, Town of
115 Ramsdell St.
Tacoma, Wash. 98466
(206) 564-8900
Don Morrison, Town Manager
customers: 2,203
1989 MWh generated: 0
1989 MWh purchased:
  from nonutilities: 42,750
1989 MWh sold: 40,570
1989 revenues: $1,744,000
established 1925

Franklin County, Public Utility District No. 1 of*
1411 W. Clark St., Box 2407
Pasco, Wash. 99302
(509) 547-5591
Kenneth A. Sugden, Manager
customers: 15,284
1989 MWh generated: 0
1989 MWh purchased: 606,650
1989 MWh sold: 570,574
1989 revenues: $19,654,000
established 1947

Grant County, Public Utility District No. 2 of+ *
30 C. St. N.W., Box 878
Ephrata, Wash. 98823
(509) 754-3541
John L. McMahan, Manager
customers: 30,780
nameplate capacity (kW): hydro: 1,629,150
1989 MWh generated: 9,108,221
1989 MWh purchased: 78,043
1989 MWh sold: retail: 2,165,012
  wholesale: 6,198,708
1989 revenues: retail: $30,158,000
  wholesale: $46,605,000
established 1942

Grays Harbor County, Public Utility District No. 1 of+ *
2720 Sumner Ave., Box 480
Aberdeen, Wash. 98520
(206) 532-4220
Stephen W. Romjue, General Manager
customers: 34,117
nameplate capacity (kW): coal: 53,192
1989 MWh generated: 343,348
1989 MWh purchased: 1,178,400
1989 MWh sold: retail: 1,122,779
  wholesale: 343,348
1989 revenues: retail: $39,685,000
  wholesale: $8,565,000
established 1938

Kittitas County, Public Utility District No. 1 of
1400 E. Vantage Highway
Ellensburg, Wash. 98926
(509) 925-3164
George Harmon, Manager
customers: 1,942
1989 MWh generated: 0
1989 MWh purchased: 42,885
1989 MWh sold: 38,500
1989 revenues: $1,800,000
established 1936

Klickitat County, Public Utility District No. 1 of*
1313 S. Columbus Ave.
Goldendale, Wash. 98620
(509) 773-5891
Alexander Thomson, General Manager
customers: 8,268
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 262,000
  from nonutilities: 1,000
1989 MWh sold: 246,000
1989 revenues: $10,300,000
established 1938

Lewis County, Public Utility District No. 1 of*
321 Northwest Pacific Ave., Box 330
Chehalis, Wash. 98532
(206) 748-9261
Gary H. Kalich, Manager
customers: 22,313
nameplate capacity (kW): hydro: 600
1989 MWh generated: 1,319
1989 MWh purchased: 664,072
1989 MWh sold: 641,200
1989 revenues: $23,914,000
established 1936

Mason County, Public Utility District No. 1 of*
N21971 Highway 101
Shelton, Wash. 98584
(206) 877-5249
Debbie Knipschield, Manager
customers: 3,806
1989 MWh generated: 0
1989 MWh purchased: 56,000
1989 MWh sold: 52,000
1989 revenues: $2,720,000
established 1935

Mason County, Public Utility District No. 3 of*
Third & Cota Sts., Box 490
Shelton, Wash. 98584
(206) 426-8255
Edwin E. Blakemore, Manager
customers: 20,434
1989 MWh generated: 0
1989 MWh purchased: 450,576
1989 MWh sold: 420,867
1989 revenues: $18,751,000
established 1939

McCleary, City of*
Box 360
McCleary, Wash. 98557
(206) 495-3667
Chris Brown, Assistant to the Mayor
customers: 855
1989 MWh generated: 0
1989 MWh purchased: 34,622
1989 MWh sold: 34,622
1989 revenues: $1,256,000
established 1948

Milton, Town of
1000 Laural
Milton, Wash. 98354
(206) 922-8733
Darwin Meyers, Acting Public Works Director
customers: 2,131
1989 MWh generated: 0
1989 MWh purchased: 46,217

WASHINGTON *(continued)*

1989 MWh sold: 45,303
1989 revenues: $1,889,000
established 1945

Okanogan County, Public Utility District No. 1 of*
1331 N. Second Ave.
Okanogan, Wash. 98840
(509) 422-3310
Harlan Warner, Manager
customers: 17,356
1989 MWh generated: 0
1989 MWh purchased: 541,950
1989 MWh sold: 515,130
1989 revenues: $13,663,000
established 1945

Pacific County, Public Utility District No. 2 of*
405 Duryea St., Box 472
Raymond, Wash. 98577
(206) 942-2411
R. A. Mergens, Manager
customers: 13,076
1989 MWh generated: 0
1989 MWh purchased: 252,883
1989 MWh sold: 238,049
1989 revenues: $10,373,000
established 1940

Pend Oreille County, Public Utility District No. 1 of*
130 N. Washington, PO Box 190
Newport, Wash. 99156
(509) 447-3137
Larry Weis, Manager
customers: 4,026
nameplate capacity (kW): hydro: 60,600
1989 MWh generated: 495,198
1989 MWh purchased: 36,227
1989 MWh sold: retail: 204,209
wholesale: 279,382
1989 revenues: retail: $4,455,000
wholesale: $1,992,000
established 1948

Port Angeles, City of
321 E. Fifth St.
Port Angeles, Wash. 98362
(206) 457-0411
Bob Titus, Director
customers: 8,941
nameplate capacity (kW): unavailable
1989 MWh generated: 1,922
1989 MWh purchased: 684,450
1989 MWh sold: 675,836
1989 revenues: $19,276,000
established 1893

Richland, City of+ *
505 Swift Blvd., Box 190
Richland, Wash. 99352
(509) 943-9161
Don Carter, Energy Services Director
customers: 14,967
1989 MWh generated: 0
1989 MWh purchased: 566,538
1989 MWh sold: 548,204
1989 revenues: $19,226,000
established 1958

Ruston, City of
5117 N. Winnifred St.
Ruston via Tacoma, Wash. 98407
(206) 759-3544
Gary McDonald, Superintendent
customers: 320
1989 MWh generated: 0
1989 MWh purchased: 5,426
1989 MWh sold: 4,687
1989 revenues: $163,000
established 1928

Seattle, City of+ *
1015 3rd Ave.
Seattle, Wash. 98104
(206) 684-3200
Randall W. Hardy, Superintendent
customers: 319,582
nameplate capacity (kW): coal: 53,192; hydro: 1,708,670
1989 MWh generated: 7,189,684
1989 MWh purchased:
from utilities: 3,522,147
from nonutilities: 12,849
1989 MWh sold: retail: 8,708,157
wholesale: 22,339
1989 revenues: retail: $281,248,000
wholesale: $113,000
established 1902

Skamania County, Public Utility District No. 1 of+ *
Box 500
Carson, Wash. 98610
(509) 427-5126
William F. Yee, Manager
customers: 4,051
1989 MWh generated: 0
1989 MWh purchased: 116,385
1989 MWh sold: 109,560
1989 revenues: $4,129,000
established 1938

Snohomish County, Public Utility District No. 1 of+ *
2320 California Ave., Box 1107
Everett, Wash. 98206
(206) 258-8211
Charles N. Earl, Manager
customers: 193,132
nameplate capacity (kW): coal: 106,384
1989 MWh generated: 1,099,882
1989 MWh purchased: 4,520,776
1989 MWh sold: retail: 5,312,480
wholesale: 44,240
1989 revenues: retail: $212,291,000
wholesale: $1,283,000
established 1949

Steilacoom, Town of
1715 Lafayette St.
Steilacoom, Wash. 98388
(206) 582-1900
Fred Wilmeth, Town Administrator
customers: 2,431
1989 MWh generated: 0
1989 MWh purchased: 40,099
1989 MWh sold: 39,313
1989 revenues: $1,644,000
established 1914

Sumas, City of
Box 9
Sumas, Wash. 98295
(206) 988-5711
Lawrence Silvis, Util. Superintendent
customers: 445
1989 MWh generated: 0
1989 MWh purchased: 11,500
1989 MWh sold: 11,070
1989 revenues: $472,000
established 1934

Tacoma, City of*
3628 S. 35th St., Box 11007
Tacoma, Wash. 98409
(206) 383-2471
E. E. Coates, Director of Utilities
customers: 125,811
nameplate capacity (kW): coal: 106,384; hydro: 700,200
1989 MWh generated: 3,076,577
1989 MWh purchased:
from utilities: 2,848,926
from nonutilities: 611,967
1989 MWh sold: retail: 5,541,518
wholesale: 755,973
1989 revenues: retail: $149,287,000
wholesale: $21,558,000
established 1893

Vera Irrigation District No. 15*
N. 601 Evergreen Road, Box 630
Veradale, Wash. 99037
(509) 924-3800
Joe W. Custer, General Manager
customers: 5,959
1989 MWh generated: 0
1989 MWh purchased: 162,781
1989 MWh sold: 157,121
1989 revenues: $5,592,000
established 1938

Wahkiakum County, Public Utility District No. 1 of*
45 River St., Box 248
Cathlamet, Wash. 98612
(206) 795-3266
M. E. (Mike) Prever, Manager
customers: 1,735
1989 MWh generated: 0
1989 MWh purchased: 33,861
1989 MWh sold: 30,672
1989 revenues: $1,553,000
established 1940

Waterville, Town of
Box 580
Waterville, Wash. 98858
(509) 745-8871
Carl E. Koenig, Light Superintendent
customers: 601
1989 MWh generated: 0
1989 MWh purchased: 15,165
1989 MWh sold: 13,400
1989 revenues: $345,000
established 1902

Whatcom County, Public Utility District No. 1 of
2011 Young St.
Bellingham, Wash. 98225
(206) 733-5810
Tom Andersen, Manager
customers: 1
1989 MWh generated: 0
1989 MWh purchased: 147,900
1989 MWh sold: 147,900
1989 revenues: $3,482,000
established 1937

West Virginia

New Martinsville, City of+ *
197 Main St.
New Martinsville, W.Va. 26155
(304) 455-3442
William L. Drennen, Electric Manager
customers: 1,837
1989 MWh generated: 0
1989 MWh purchased: 30,400
1989 MWh sold: 28,800
1989 revenues: $1,617,000
established 1929

Philippi, City of+ *
108 N. Main St.
Philippi, W.Va. 26416
(304) 457-3701
Joseph P. Mattaliano, City Manager
customers: 1,636
1989 MWh generated: 0
1989 MWh purchased: 30,048
1989 MWh sold: 25,999
1989 revenues: $1,606,000
established 1932

Wisconsin

Algoma Utility Commission+ *
520 Parkway Ave.
Algoma, Wis. 54201
(414) 487-5556
Roland C. LeCloux, Utility Manager
customers: 1,907
1989 MWh generated: 0
1989 MWh purchased: 36,700
1989 MWh sold: 35,200
1989 revenues: $1,917,000
established 1903

Arcadia Electric Utility
115 S. Jackson St.
Arcadia, Wis. 54612
(608) 323-7347
Ronald L. Darbo, Superintendent
customers: 1,244
nameplate capacity (kW): gas: 3,100; oil: 3,100
1989 MWh generated: 808
1989 MWh purchased: 44,498
1989 MWh sold: 43,392
1989 revenues: $2,287,000
established 1903

Argyle Municipal Electric & Water Utility
401 Milwaukee St., Box 246
Argyle, Wis. 53504
(608) 543-3113
Randy Martin, Superintendent
customers: 445
nameplate capacity (kW): hydro: 100; oil: 2,200
1989 MWh generated: 217
1989 MWh purchased: 6,602
1989 MWh sold: 6,427
1989 revenues: $285,000
established 1905

Bangor Municipal Utility
106 15th Ave. N.
Bangor, Wis. 54614
(608) 486-2151
Wesley Kjome, Manager
customers: 1,429
1989 MWh generated: 0
1989 MWh purchased: 31,320
1989 MWh sold: 28,445
1989 revenues: $1,620,000
established 1932

Barron Light & Water Department*
1303 E Division Ave.
Barron, Wis. 54812
(715) 537-3855
Alan Junkers, Utility Manager
customers: 1,528
nameplate capacity (kW): hydro: 100; oil: 4,100
1989 MWh generated: 334
1989 MWh purchased: 34,508
1989 MWh sold: 32,529
1989 revenues: $1,810,000
established 1902

Belmont Light & Water Utility
222 Mound Ave., Box 6
Belmont, Wis. 53510
(608) 762-5142
Dan Van Natta, Public Works Director
customers: 417
1989 MWh generated: 0
1989 MWh purchased: 6,036
1989 MWh sold: 5,712
1989 revenues: $300,000
established 1900

Benton, Village of
Main Street, Box 91
Benton, Wis. 53803
(608) 759-3721
William Griffin, Clerk/Treasurer
customers: 443
1989 MWh generated: 0
1989 MWh purchased: 4,842
1989 MWh sold: 4,472
1989 revenues: $273,000

Black Earth Electric Utility
1210 Mills St., Box 347
Black Earth, Wis. 53515
(608) 767-2563

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Dwane Garfoot, Dir. of Public Wks.
customers: 894
1989 MWh generated: 0
1989 MWh purchased: 11,576
1989 MWh sold: 11,109
1989 revenues: $686,000

Black River Falls, City of+ *
119 N. Water St.
Black River Falls, Wis. 54615
(715) 284-9463
Loren Radcliffe, Utility Administrator
customers: 2,408
nameplate capacity (kW): hydro: 900; oil: 3,100
1989 MWh generated: 2,708
1989 MWh purchased: 43,623
1989 MWh sold: 44,336
1989 revenues: $2,313,000
established 1904

Bloomer Electric & Water
1503 Main St.
Bloomer, Wis. 54724
(715) 568-3032
Charles H. Cole, Manager
customers: 1,686
1989 MWh generated: 0
1989 MWh purchased: 45,336
1989 MWh sold: 42,901
1989 revenues: $2,033,000
established 1908

Boscobel, City of+ *
1031 Wisconsin Ave.
Boscobel, Wis. 53805
(608) 375-5002
Lionel Schlump, President
customers: 1,771
1989 MWh generated: 0
1989 MWh purchased: 27,558
1989 MWh sold: 26,016
1989 revenues: $1,383,000
established 1899

Brodhead Water & Light Commission
1108 11th St., Box 227
Brodhead, Wis. 53520
(608) 897-2505
Carroll Sheafor, Superintendent
customers: 1,634
1989 MWh generated: 0
1989 MWh purchased: 28,571
1989 MWh sold: 26,262
1989 revenues: $1,394,000
established 1913

Cadott, Village of
Box 40
Cadott, Wis. 54727
(715) 289-4282
Leona Hart, Secretary
customers: 649
1989 MWh generated: 0
1989 MWh purchased: 11,000
1989 MWh sold: 10,000
1989 revenues: $610,000
established 1901

Cashton, Village of
709 Main St.
Cashton, Wis. 54619
(608) 654-7828
John Hauser, Superintendent
customers: 462
nameplate capacity (kW): oil: 1,900
1989 MWh generated: 50
1989 MWh purchased: 6,125
1989 MWh sold: 5,639
1989 revenues: $304,000
established 1909

Cedarburg Light & Water Commission+ *
N. 30 W. 5926 Lincoln Blvd.
Cedarburg, Wis. 53012
(414) 377-1280
Glenn W. Frank, Manager
customers: 4,916
1989 MWh generated: 0
1989 MWh purchased: 102,699
1989 MWh sold: 97,947
1989 revenues: $5,243,000
established 1914

Centuria Municipal Electric Utility
305 Wisconsin Ave., Box 280
Centuria, Wis. 54824
(715) 646-2300
Glenn Melin, President
customers: 398
1989 MWh generated: 0
1989 MWh purchased: 4,847
1989 MWh sold: 4,506
1989 revenues: $234,000
established 1946

Clintonville, City of
65 E. 12th St., Box 359
Clintonville, Wis. 54929
(715) 823-2118
John Schroeder, Superintendent
customers: 2,461
1989 MWh generated: 0
1989 MWh purchased: 55,367
1989 MWh sold: 52,575
1989 revenues: $3,028,000

Columbus, City of+ *
361 N. Water St., Box 228
Columbus, Wis. 53925
(414) 623-5912
John Andler, Superintendent
customers: 2,129
1989 MWh generated: 0
1989 MWh purchased: 46,722
1989 MWh sold: 43,970
1989 revenues: $2,182,000
established 1898

Cornell, City of
300 Park Road
Cornell, Wis. 54732
(715) 239-3143
David DeJongh, Clerk/Treasurer
customers: 788
1989 MWh generated: 0
1989 MWh purchased: 12,376
1989 MWh sold: 11,777
1989 revenues: $676,000
established 1937

Cuba City, City of+ *
108 N. Main St.
Cuba City, Wis. 53807
(608) 744-2152
Kathy H. Schultz, Clerk/Treasurer
customers: 1,006
1989 MWh generated: 0
1989 MWh purchased: 13,316
1989 MWh sold: 12,389
1989 revenues: $653,000
established 1921

Cumberland Municipal Utility*
1265 Second Ave., Box 726
Cumberland, Wis. 54829
(715) 822-2595
Charles Christensen, General Manager
customers: 1,184
nameplate capacity (kW): gas: 2,100; oil: 9,200
1989 MWh generated: 482
1989 MWh purchased: 31,650
1989 MWh sold: 30,502
1989 revenues: retail: $1,623,000
wholesale: $238,000
established 1898

Eagle River, City of+ *
Box 218
Eagle River, Wis. 54521
(715) 479-8121
Lee McFaul, Manager
customers: 1,074
1989 MWh generated: 0
1989 MWh purchased: 23,000
1989 MWh sold: 22,000
1989 revenues: $1,285,000
established 1898

Elkhorn Light & Water+ *
9 S. Broad St., Box 920
Elkhorn, Wis. 53121
(414) 723-2910
Michael Lange, Public Works Operations Superintendent
customers: 2,711
1989 MWh generated: 0
1989 MWh purchased: 68,000
1989 MWh sold: 65,000
1989 revenues: $3,459,000
established 1898

Elroy, City of
225 Main St.
Elroy, Wis. 53929
(608) 462-8246
P. A. Kalodrich, Clerk
customers: 802
1989 MWh generated: 0
1989 MWh purchased: 15,873
1989 MWh sold: 14,716
1989 revenues: $797,000
established 1930

Evansville Municipal Electric Utility
31 S. Madison St.
Evansville, Wis. 53536
(608) 882-5214
Randall Rasmussen, Manager
customers: 2,285
1989 MWh generated: 0
1989 MWh purchased: 47,568
1989 MWh sold: 42,186
1989 revenues: $2,277,000
established 1901

Fennimore, City of
860 Lincoln Ave.
Fennimore, Wis. 53809
(608) 822-6110
Charles J. Leuck, Public Works Director
customers: 1,174
nameplate capacity (kW): oil: 2,200
1989 MWh generated: 89
1989 MWh purchased: 24,614
1989 MWh sold: 23,057
1989 revenues: $1,192,000
established 1904

Florence Water & Light Commission+ *
500 Spring Ave., Box 109
Florence, Wis. 54121
(715) 528-3330
Robert Friberg, Manager
customers: 922
1989 MWh generated: 0
1989 MWh purchased: 10,504
1989 MWh sold: 9,748
1989 revenues: $637,000
established 1898

Gresham, Village of
Main Street, Box 50
Gresham, Wis. 54128-0050
(715) 787-3244
Edward R. Sigmund, Superintendent
customers: 921
nameplate capacity (kW): hydro: 700
1989 MWh generated: 2,765
1989 MWh purchased: 7,900
1989 MWh sold: 9,297
1989 revenues: $618,000
established 1928

Hartford, City of+
109 N. Main St.
Hartford, Wis. 53027
(414) 673-4000
Lucian Darin, Director of Public Works
customers: 3,065
1989 MWh generated: 0
1989 MWh purchased: 74,000
1989 MWh sold: 69,327
1989 revenues: $4,002,000
established 1912

Hazel Green, Village of
1610 Fairplay St., Box 367
Hazel Green, Wis. 53811
(608) 854-2711
James Kolbe, Superintendent
customers: 529
1989 MWh generated: 0
1989 MWh purchased: 6,514
1989 MWh sold: 5,973
1989 revenues: $310,000
established 1908

Hustisford, City of+ *
210 S. Lake St.
Hustisford, Wis. 53034
(414) 349-3650
Richard Kirchoff, Superintendent
customers: 1,126
1989 MWh generated: 0
1989 MWh purchased: 16,123
1989 MWh sold: 14,530
1989 revenues: $843,000

Jefferson Water & Electric Department+ *
121 W. Racine St., Box 396
Jefferson, Wis. 53549
(414) 674-3313
Bruce Folbrecht, Superintendent
customers: 2,978
1989 MWh generated: 0
1989 MWh purchased: 128,000
1989 MWh sold: 126,000
1989 revenues: $5,692,000
established 1901

Juneau Utility Commission
150 Miller St., Box 163
Juneau, Wis. 53039
(414) 386-2521
Cheryl Giese, Clerk/Treasurer
customers: 850
1989 MWh generated: 0
1989 MWh purchased: 26,685
1989 MWh sold: 24,514
1989 revenues: $1,228,000
established 1914

Kaukauna Electric & Water Department+ *
777 Island St., Box 1777
Kaukauna, Wis. 54130-0977
(414) 766-5721
Ernest J. Mullen, General Manager
customers: 9,216
nameplate capacity (kW): hydro: 22,300; gas: 18,000; oil: 6,000
1989 MWh generated: 118,960
1989 MWh purchased: 424,123
1989 MWh sold: retail: 515,432
wholesale: 5,223
1989 revenues: retail: $18,745,000
wholesale: $155,000
established 1912

Kiel Utilities+ *
705A Washington St., Box 98
Kiel, Wis. 53042
(414) 894-2669
Richard W. Wright, Superintendent
customers: 1,713
1989 MWh generated: 0
1989 MWh purchased: 47,577
1989 MWh sold: 43,992
1989 revenues: $2,190,000
established 1905

La Farge Municipal Electric Co.
Main St.
La Farge, Wis. 54639
(608) 625-2333
Cecil Rolfe, Manager
customers: 542

1989 MWh generated: 0
1989 MWh purchased: 5,210
1989 MWh sold: 4,820
1989 revenues: $305,000

Lake Mills, City of+ *
101 Church St.
Lake Mills, Wis. 53551
(414) 648-2344
Jean Stolsmark, City Clerk
customers: 2,775
1989 MWh generated: 0
1989 MWh purchased: 53,407
1989 MWh sold: 50,898
1989 revenues: $2,627,000
established 1911

Lodi, City of+ *
113 S. Main St., City Hall
Lodi, Wis. 53555
(608) 592-3246
Rodney Maier, Superintendent
customers: 1,169
1989 MWh generated: 0
1989 MWh purchased: 17,548
1989 MWh sold: 16,504
1989 revenues: $864,000
established 1894

Manitowoc, City of+ *
1303 S. 8th St., Box 1090
Manitowoc, Wis. 54221-1090
(414) 683-4600
Arlyn S. Libal, General Manager
customers: 15,413
nameplate capacity (kW): coal: 79,000; gas: 10,600
1989 MWh generated: 173,532
1989 MWh purchased: 246,973
1989 MWh sold: 403,469
1989 revenues: $21,650,000
established 1914

Marshfield Electric & Water Department*
2000 S. Roddis Ave.
Marshfield, Wis. 54449
(715) 387-1195
Joseph C. Pacovsky, Manager
customers: 10,999
nameplate capacity (kW): coal: 29,000; gas: 6,000
1989 MWh generated: 62,931
1989 MWh purchased: 234,823
1989 MWh sold: 283,215
1989 revenues: $14,714,000
established 1904

Mazomanie, Village of
133 Crescent St.
Mazomanie, Wis. 53560
(608) 767-2761
Chris Dietzen, President
customers: 631
1989 MWh generated: 0
1989 MWh purchased: 9,521
1989 MWh sold: 8,918
1989 revenues: $463,000
established 1894

Medford Electric Utility*
330 S. Whelen Ave., Box 358
Medford, Wis. 54451-0358
(715) 748-3211
Michael A. Frey, Manager
customers: 2,742
1989 MWh generated: 0
1989 MWh purchased: 87,768
1989 MWh sold: 84,609
1989 revenues: $4,163,000
established 1944

Menasha Electric & Water Utilities+ *
182 Main St., Box 340
Menasha, Wis. 54952
(414) 751-5180
Robert E. Hogan, General Manager
customers: 6,561
nameplate capacity (kW): coal: 22,000; oil: 1,000
1989 MWh generated: 28,124
1989 MWh purchased: 263,869
1989 MWh sold: 287,387
1989 revenues: $12,744,000
established 1905

Merrillan, City of
101 S. Main St.
Merrillan, Wis. 54754
(715) 333-2322
Ted B. Meinholdt, Superintendent
customers: 315
nameplate capacity (kW): hydro: 100; oil: 800
1989 MWh generated: 27
1989 MWh purchased: 3,266
1989 MWh sold: 3,064
1989 revenues: $182,000
established 1904

Mount Horeb, Village of
138 E. Main St.
Mount Horeb, Wis. 53572
(608) 437-3084
Dennis L. Shaw, Superintendent
customers: 2,297
1989 MWh generated: 0
1989 MWh purchased: 36,533
1989 MWh sold: 35,301
1989 revenues: $1,776,000
established 1939

Muscoda, City of+ *
206 N. Wisconsin Ave.
Muscoda. Wis. 53573
(608) 739-3390
Jay R. Goers, Superintendent
customers: 904
nameplate capacity (kW): hydro: 60; oil: 97
1989 MWh generated: 99
1989 MWh purchased:
  from utilities: 18,118
  from nonutilities: 849
1989 MWh sold: 17,054
1989 revenues: $992,000
established 1907

New Glarus, City of
313 2nd St.
New Glarus, Wis. 53574
(608) 527-2913
Jerome Trendel, Superintendent
customers: 956
1989 MWh generated: 0
1989 MWh purchased: 17,069
1989 MWh sold: 15,829
1989 revenues: $757,000
established 1902

New Holstein, City of+ *
2110 Washington St.
New Holstein, Wis. 53061
(414) 898-5776
Ronald Greuel, Superintendent
customers: 2,166
1989 MWh generated: 0
1989 MWh purchased: 61,700
1989 MWh sold: 60,000
1989 revenues: $2,976,000
established 1912

New Lisbon Municipal Light and Water Department
218 E. Bridge St.
New Lisbon, Wis. 53950
(608) 562-3103
Patricia M. Schroeder, Clerk
customers: 767
nameplate capacity (kW): oil: 4,700
1989 MWh generated: 202
1989 MWh purchased: 14,342
1989 MWh sold: 14,336
1989 revenues: $767,000

New London, City of+ *
400 E. North Water St., Box 304
New London, Wis. 54961
(414) 982-8516
Stephen M. Thompson, Manager
customers: 3,148
1989 MWh generated: 0
1989 MWh purchased: 152,070
1989 MWh sold: 148,657
1989 revenues: $6,849,000
established 1903

New Richmond, City of+ *
156 E. 1st St.
New Richmond, Wis. 54017
(715) 246-4167
Dennis Horner, Administrator
customers: 2,502
1989 MWh generated: 0
1989 MWh purchased: 52,516
1989 MWh sold: retail: 50,583
  wholesale: 46
1989 revenues: retail: $2,529,000
  wholesale: $4,000
established 1890

Oconomowoc, City of+ *
174 E. Wisconsin Ave.
Oconomowoc, Wis. 53066
(414) 569-2198
Bruce Campbell, Director of Utilities
customers: 5,986
1989 MWh generated: 0
1989 MWh purchased: 141,333
1989 MWh sold: 136,582
1989 revenues: $7,136,000
established 1900

Oconto Falls Water & Light Commission+ *
104 S. Franklin St.
Oconto Falls, Wis. 54154
(414) 846-3575
Gary Haltaufderheide, City Clerk
customers: 1,288
1989 MWh generated: 0
1989 MWh purchased: 24,000
1989 MWh sold: 22,500
1989 revenues: $1,178,000
established 1933

Pardeeville, Village of
124 Lake St.
Pardeeville, Wis. 53954
(608) 429-3054
Director, Public Works
customers: 1,001
nameplate capacity (kW): unavailable
1989 MWh generated: 149
1989 MWh purchased: 16,235
1989 MWh sold: 15,546
1989 revenues: $716,000
established 1945

Plymouth, City of*
12 S. Milwaukee St., Box 277
Plymouth, Wis. 53073-0277
(414) 893-1471
John T. MacKinnon, Manager
customers: 5,641
1989 MWh generated: 0
1989 MWh purchased: 147,713
1989 MWh sold: 135,266
1989 revenues: $6,563,000
established 1895

Prairie du Sac, Village of
560 Park Ave.
Prairie du Sac, Wis. 53578
(608) 643-3133
Richard B. Bensenberg, Superintendent, Public Works
customers: 1,074
1989 MWh generated: 0
1989 MWh purchased: 29,623
1989 MWh sold: 28,071
1989 revenues: $1,339,000
established 1918

Princeton, City of
438 W. Main St.
Princeton, Wis. 54968
(414) 292-6612
Donna Scheuers, Clerk
customers: 857
1989 MWh generated: 0
1989 MWh purchased: 10,843
1989 MWh sold: 10,143
1989 revenues: $589,000
established 1902

Reedsburg Utility Commission
344 S. Willow St.
Reedsburg, Wis. 53959
(608) 524-4381
Dave Mikonowicz, Superintendent
customers: 2,978
1989 MWh generated: 0
1989 MWh purchased: 132,182
1989 MWh sold: 124,306
1989 revenues: $5,733,000
established 1894

Rice Lake, City of
320 W. Coleman St.
Rice Lake, Wis. 54868
(715) 234-7004
Dan Rodamaker, Director
customers: 4,307
1989 MWh generated: 0
1989 MWh purchased: 107,610
1989 MWh sold: 100,813
1989 revenues: $5,534,000
established 1920

Richland Center, City of*
182 N. Central Ave., Box 312
Richland Center, Wis. 53581
(608) 647-3844
Richard J. Steiner, Administrator
customers: 2,732
1989 MWh generated: 0
1989 MWh purchased: 67,722
1989 MWh sold: 64,778
1989 revenues: $3,189,000
established 1904

River Falls, City of+ *
125 E. Elm St.
River Falls, Wis. 54022
(715) 425-6715
Utility Administrator
customers: 3,840
nameplate capacity (kW): hydro: 500; oil: 13,100
1989 MWh generated: 2,984
1989 MWh purchased: 79,081
1989 MWh sold: 77,593
1989 revenues: $4,713,000
established 1900

Sauk City, City of
806 Water St.
Sauk City, Wis. 53583
(608) 643-3932
Donald Moen, Superintendent
customers: 1,485
1989 MWh generated: 0
1989 MWh purchased: 26,966
1989 MWh sold: 26,133
1989 revenues: $1,282,000
established 1909

Shawano Municipal Utilities*
122 North Sawyer St., Box 436
Shawano, Wis. 54166
(715) 526-3131
Nils V. Holmgren, General Manager
customers: 4,600
1989 MWh generated: 0
1989 MWh purchased:
  from utilities: 158,567

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* Member, American Public Power Association
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from nonutilities: 173
1989 MWh sold: 154,988
1989 revenues: $7,395,000
established 1900

Sheboygan Falls, City of
511 Adams Street
Sheboygan Falls, Wis. 53085
(414) 467-7906
Dale Lythjohan, Director
customers: 2,946
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 152,900
from nonutilities: 100
1989 MWh sold: 150,040
1989 revenues: $5,721,000
established 1916

Shullsburg, City of
112 S. Gratiot St.
Shullsburg, Wis. 53586
(608) 965-4901
Patricia Van Glahn, Clerk
customers: 703
1989 MWh generated: 0
1989 MWh purchased: 9,059
1989 MWh sold: 8,513
1989 revenues: $452,000
established 1937

Slinger, Village of+ *
220 Slinger Road
Slinger, Wis. 53086
(414) 644-5265
Dean Otte, Manager
customers: 891
1989 MWh generated: 0
1989 MWh purchased: 18,647
1989 MWh sold: 17,726
1989 revenues: $1,060,000
established 1911

Spooner, City of
515 Summit St., Box 200
Spooner, Wis. 54801
(715) 635-2327
Alan R. Cusick, Superintendent
customers: 1,478
1989 MWh generated: 0
1989 MWh purchased: 26,296
1989 MWh sold: 24,404
1989 revenues: $1,293,000
established 1905

Stoughton, City of+ *
211 Water St., Box 383
Stoughton, Wis. 53589
(608) 873-3379
Robert P. Kardasz, Director of Public Works
customers: 5,824
1989 MWh generated: 0
1989 MWh purchased: 99,051
1989 MWh sold: 92,320
1989 revenues: $4,645,000
established 1891

Stratford Electric & Water
265 N. Third Ave., Box 12
Stratford, Wis. 54484
(715) 687-4166
Kevin Breit, Superintendent
customers: 635
1989 MWh generated: 0
1989 MWh purchased: 9,000
1989 MWh sold: 9,000
1989 revenues: $534,000
established 1925

Sturgeon Bay Combined Utilities+ *
230 E. Vine St., Box 259
Sturgeon Bay, Wis. 54235
(414) 743-5542
William Baudhuin, General Manager
customers: 7,012
1989 MWh generated: 0
1989 MWh purchased: 128,466
1989 MWh sold: 121,563
1989 revenues: $6,872,000
established 1904

Sun Prairie Water & Light Commission+ *
125 W. Main St., Box 385
Sun Prairie, Wis. 53590
(608) 837-5500
Larry Bocock, Superintendent
customers: 6,099
1989 MWh generated: 0
1989 MWh purchased: 126,540
1989 MWh sold: 114,758
1989 revenues: $5,118,000
established 1910

Trempealeau, Village of
50 E. Third St.
Trempealeau, Wis. 54661
(608) 534-6434
Norma Van Vleet, Clerk
customers: 761
1989 MWh generated: 0
1989 MWh purchased: 9,600
1989 MWh sold: 8,800
1989 revenues: $474,000
established 1915

Two Rivers Water & Light Department+ *
1415 Lake St.
Two Rivers, Wis. 54241
(414) 793-5550
William C. T. Pappathopoulos, Utilities Director
customers: 5,845
1989 MWh generated: 0
1989 MWh purchased: 82,081
1989 MWh sold: 76,663
1989 revenues: $4,100,000
established 1901

Viola Municipal Electric Utility
Main Street, Box 38
Viola, Wis. 54664
(608) 627-1829
Kirby Hamilton, Manager
customers: 389
nameplate capacity (kW): oil: 1,100
1989 MWh generated: 47
1989 MWh purchased: 4,149
1989 MWh sold: 3,956
1989 revenues: $228,000

Waterloo Light & Water Commission+ *
122 S. Monroe St.
Waterloo, Wis. 53594
(414) 478-2260
John M. Foley, Superintendent
customers: 1,476
1989 MWh generated: 0
1989 MWh purchased: 52,760
1989 MWh sold: 50,000
1989 revenues: $2,382,000
established 1908

Waunakee, Village of+ *
205 Klein Drive, Box 95
Waunakee, Wis. 53597
(608) 849-8111
Ed Brockner, Superintendent
customers: 2,357
1989 MWh generated: 0
1989 MWh purchased: 44,447
1989 MWh sold: 41,797
1989 revenues: $2,072,000
established 1915

Waupun, City of+ *
220 N. Forest St.
Waupun, Wis. 53963
(414) 324-7920
Dennis Westhuis, Manager
customers: 3,474
1989 MWh generated: 0
1989 MWh purchased:
from utilities: 66,360
from nonutilities: 3
1989 MWh sold: 63,203
1989 revenues: $3,023,000
established 1894

Westby, City of+ *
104 First St.
Westby, Wis. 54667
(608) 634-3416
Dean Warren, Supervisor
customers: 919
1989 MWh generated: 0
1989 MWh purchased: 16,824
1989 MWh sold: 15,997
1989 revenues: $890,000
established 1915

Whitehall, City of+ *
1631 Main St., Box 155
Whitehall, Wis. 54773
(715) 538-4353
Lynn Johnson, Clerk/Treasurer
customers: 845
1989 MWh generated: 0
1989 MWh purchased: 22,061
1989 MWh sold: 19,208
1989 revenues: $1,124,000
established 1940

Wisconsin Rapids Water Works & Lighting Commission*
221 16th St. S., Box 399
Wisconsin Rapids, Wis. 54494-0399
(715) 423-6300
James Ramage, General Manager
customers: 10,757
1989 MWh generated: 0
1989 MWh purchased: 193,505
1989 MWh sold: 183,064
1989 revenues: $9,734,000
established 1890

Wisconsin Dells, City of
300 La Crosse St.
Wisconsin Dells, Wis. 53965
(608) 253-2542
Mike Horkan, Director of Public Works
customers: 1,619
1989 MWh generated: 0
1989 MWh purchased: 38,707
1989 MWh sold: 35,847
1989 revenues: $1,857,000
established 1894

Wonewoc, Village of
Box 303
Wonewoc, Wis. 53968
(608) 464-3114
Jeffrey Lankey, Manager
customers: 457
1989 MWh generated: 0
1989 MWh purchased: 6,678
1989 MWh sold: 6,251
1989 revenues: $284,000

Wyoming

Basin, Town of
Box 599
Basin, Wyo. 82410
(307) 568-3331
Jack C. Riley, Clerk/Treasurer
customers: 575
1989 MWh generated: 0
1989 MWh purchased: 8,285
1989 MWh sold: 7,011
1989 revenues: $389,000

Cody, City of
1338 Rumsey Ave.
Cody, Wyo. 82414
(307) 527-7511
Neal T. Olson, Electrical Superintendent
customers: 3,652
1989 MWh generated: 0
1989 MWh purchased: 67,000
1989 MWh sold: 57,400
1989 revenues: $3,054,000
established 1935

Deaver, City of
180 First St., Box 207
Deaver, Wyo. 82421
(307) 664-2256
Craig Sorenson, Mayor
customers: 85
1989 MWh generated: 0
1989 MWh purchased: 703
1989 MWh sold: 558
1989 revenues: $39,000

Fort Laramie, Town of
Box 177
Fort Laramie, Wyo. 82212
(307) 838-2711
Vicki Bowsher, Clerk-Treasurer
customers: unavailable
1989 MWh generated: 0
1989 MWh purchased: 1,320
1989 MWh sold: wholesale: 1,111
1989 revenues: wholesale: $67,000

Gillette, City of*
Box 3003
Gillette, Wyo. 82716
(307) 686-5265
Jon C. Young, Director of Utilities
customers: 7,773
1989 MWh generated: 0
1989 MWh purchased: 175,755
1989 MWh sold: 160,411
1989 revenues: $9,305,000
established 1915

Guernsey, Town of+ *
Box 667
Guernsey, Wyo. 82214
(307) 836-2522
Doris Frederick, Clerk/Treasurer
customers: 639
1989 MWh generated: 0
1989 MWh purchased: 8,004
1989 MWh sold: 6,080
1989 revenues: $460,000

Lingle, Town of
Box 448
Lingle, Wyo. 82223
(307) 837-2422
Dorothy Vollmer, Clerk/Treasurer
customers: 261
1989 MWh generated: 0
1989 MWh purchased: 3,000
1989 MWh sold: 2,600
1989 revenues: $172,000

Lusk, Town of
North Main Street, Box 390
Lusk, Wyo. 82225
(307) 334-3612
Al Titchener, Superintendent of Public Works
customers: 933
1989 MWh generated: 0
1989 MWh purchased: 14,274
1989 MWh sold: 13,787
1989 revenues: $608,000
established 1919

Midvale Irrigation District
Box 128
Pavillion, Wyo. 82523
(307) 856-6359
Shari Abney, Bookkeeper
customers: 8
1989 MWh generated: 0
1989 MWh purchased: 193,538
1989 MWh sold: 123,458
1989 revenues: $1,000

Pine Bluffs, City of
210 E. Fourth
Pine Bluffs, Wyo. 82082
(307) 245-3746
Ronald Spier, Superintendent
customers: 584
1989 MWh generated: 0
1989 MWh purchased: 7,625
1989 MWh sold: 7,625
1989 revenues: $475,000
established 1910

Powell, City of+ *
270 N. Clark, Box 1008
Powell, Wyo. 82435
(307) 754-5106
Aaron Pfister, Electrical Superintendent
customers: 2,396
1989 MWh generated: 0
1989 MWh purchased: 40,791
1989 MWh sold: 34,643
1989 revenues: $2,143,000

Torrington, City of*
2042 E. A St.
Torrington, Wyo. 82240
(307) 532-5666
Ed Jolovich, Mayor
customers: 3,383
1989 MWh generated: 0
1989 MWh purchased: 63,217
1989 MWh sold: 59,813
1989 revenues: $2,287,000
established 1914

Wheatland, Town of
600 9th St.
Wheatland, Wyo. 82201
(307) 322-2962
Barry Cook, Clerk
customers: 1,818
1989 MWh generated: 0
1989 MWh purchased: 28,540
1989 MWh sold: 23,659
1989 revenues: $1,198,000
established 1936

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JOINT ACTION AGENCIES

Alabama

Alabama Municipal Electric Authority+ *
555 S. Perry St., Suite 210, Drawer 5220
Montgomery, Ala. 36103
(205) 262-1126
Robert W. Claussen, General Manager
established 1981
1989 MWh generated: 0
1989 MWh purchased: 1,990,976
1989 MWh sold: 1,990,976
1989 revenues: $75,886,000
members: Alexander City, Dothan, Fairhope, Foley, LaFayette, Lanett, Luverne, Opelika, Piedmont, Sylacauga, Tuskegee
services: power supply, load forecasting, wheeling arrangements, lobbying, financial studies, FERC case support, load management

Alaska

Thomas Bay Power Authority
Box 1318
Wrangell, Alaska 99929
(907) 874-3834
Warren Edgley, General Manager
established 1986
nameplate capacity (kW): hydro 20,000
transmission: full ownership, 80 miles, 69-kV
members: Petersburg, Wrangell
services: power supply, transmission

Arizona

Arizona Power Pooling Association*
Box 1389
Benson, Ariz. 85602
(602) 723-3700
Arthur J. Faul, President
established 1965
members: Arizona Electric Power Cooperative, City of Mesa, Electrical District No. 2 of Pinal County
services: power supply

Dine Power Authority
Box 2577
Window Rock, Ariz. 86515
(602) 871-2133
Jerry Elwood, Community Relations Manager
services: Dine Power Authority is a subsidiary of the Navajo Nation. It is investigating the feasibility of future construction of electric generating facilities.

California

Central California Power Agency No. 1
Box 15830
Sacramento, Calif. 95852-1830
(916) 732-5976
Eric J. Haemer, Chairman
established 1983
nameplate capacity (kW): geothermal 130,000
members: Modesto Irrigation District, Santa Clara, Sacramento Municipal Utility District
services: power supply

M-S-R Public Power Agency
Box 4060
Modesto, Calif. 95352
(209) 526-7373
Kenneth H. McKinney, General Manager
nameplate capacity (kW): unavailable
1989 MWh generated: 1,032,875
1989 MWh purchased: 207,529
1989 MWh sold: 1,240,404
1989 revenues: $53,026,000
members: Modesto Irrigation District, Redding, Santa Clara.
services: power supply, joint financing, wheeling arrangements, engineering, legal assistance, public relations, financial studies, FERC case support, environmental regulations compliance, financial guidance, shared management

Northern California Power Agency*
180 Cirby Way
Roseville, Calif. 95678
(916) 781-3636
Michael McDonald, General Manager
established 1968
nameplate capacity (kW): gas 126,200; hydro 230,000; other 246,000
transmission: full ownership, 60.5 miles, 230 kV
1989 MWh generated: 1,345,654
1989 MWh purchased: 229,139
1989 MWh sold: 1,545,668
1989 revenues: $107,670,000
members: Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Palo Alto, Plumas-Sierra Rural Electric Cooperative, Redding, Roseville, Santa Clara, Truckee-Donner Public Utilities District, Turlock Irrigation District, Ukiah
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, lobbying, engineering, legal assistance, public relations, rate design and cost-of-service studies, computer support, FERC case support, safety and training, environmental regulations compliance, financial guidance, transmission and distribution assistance

Southern California Public Power Authority*
200 S. Los Robles, Suite 155
Pasadena, Calif. 91101
(818) 793-9364
Linda M. Lazzerino, Executive Director
established 1980
nameplate capacity (kW): nuclear 248,790
transmission: 488 miles, 500 kV
1989 MWh generated: 1,097,678
1989 MWh purchased: 9,239
1989 MWh sold: 1,097,678
1989 revenues: $207,520,000
members: Anaheim, Azusa, Banning, Burbank, Colton, Glendale, Imperial Irrigation District, Los Angeles, Pasadena, Riverside, Vernon.
services: joint financing

Southern California Utility Power Pool
111 N. Hope St., Room 1255, Box 111
Los Angeles, Calif. 90051
(213) 481-6003
Raymond C. Burt
established 1982

Transmission Agency of Northern California (TANC)
Box 15129
Sacramento, Calif. 95851-0129
(916) 852-1673
Lloyd Harvego, Executive Director
established 1984
members: Alameda, Biggs, Gridley, Healdsburg, Lodi, Lompoc, Modesto Irrigation District, Palo Alto, Plumas-Sierra Rural Electric Cooperative, Redding, Roseville, Sacramento Municipal Utility District, Santa Clara, Turlock Irrigation District, Ukiah.
services: Agency is the project manager and a

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participant in the California-Oregon Transmission Project, a 340-mile, 500-kV line scheduled to be energized in 1993.

Tri-Dam Power Authority*
Box 1158
Pinecrest, Calif. 95364
(209) 965-3996
D. B. Thompson, General Manager
established 1982
nameplate capacity (kW): hydro 16,200
1989 MWh generated: 83,545
1989 MWh purchased: 0
1989 MWh sold: 83,545
1989 revenues: $8,293,000
members: Oakdale Irrigation District, South San Joaquin Irrigation District
services: power supply (all power sold to Pacific Gas & Electric Co.)

Colorado

Arkansas River Power Authority*
3409 S. Main St., Box 70
Lamar, Colo. 81052
(719) 336-3496
James M. Henderson, General Manager
1989 MWh generated: 0
1989 MWh purchased: 278,273
1989 MWh sold: 255,082
1989 revenues: $8,931,000
members: Colorado: Holly, La Junta, Lamar, Las Animas, Springfield, Trinidad; New Mexico: Raton.
services: power supply, joint financing, wheeling arrangements, newsletter, lobbying

Platte River Power Authority+ *
Timberline & Horsetooth Roads
Fort Collins, Colo. 80525
(303) 226-4000
Thaine J. Michie, General Manager
established 1973
nameplate capacity (kW): coal 409,000
transmission: partial ownership, 377 miles, 230-345 kV; full ownership, 177 miles 115-230 kV
1989 MWh generated: 2,965,066
1989 MWh purchased: 838,211
1989 MWh sold: 3,749,211
1989 revenues: $147,017,000
members: Estes Park, Fort Collins, Longmont, Loveland
services: power supply, wheeling arrangements, engineering assistance, FERC case support, transmission, and economic development assistance

Connecticut

Connecticut Municipal Electric Energy Cooperative+ *
30 Stott Ave.
Norwich, Conn. 06360-1535
(203) 889-4088
Maurice R. Scully, Executive Director
established 1976
nameplate capacity (kW): nuclear 82,850, oil 107,080, hydro 18,220
transmission: partial entitlement to 450-kV line from Canada to Vermont and New Hampshire
1989 MWh generated: 76,824
1989 MWh purchased: 800,568
1989 MWh sold: 1,081,145
1989 revenues: $59,039,000
members: Groton, Norwich, Jewett City, Third Taxing District of the City of Norwalk, South Norwalk Electric Works
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand-side management, public relations, rate design and cost-of-service studies, computer support, FERC case support, circuit rider

Delaware

Delaware Municipal Electric Corporation
c/o City of Newark, Box 390
Newark, Del. 19711
(302) 366-7080
Albert K. Martin, President
established 1979
members: Clayton, Middletown, Milford, New Castle, Newark, Smyrna
services: power supply, wheeling arrangements, load forecasting

Florida

Florida Municipal Power Agency*
7201 Lake Ellenor Drive, Suite 100
Orlando, Fla. 32809
(407) 859-7310
Calvin R. Henze, General Manager
established 1978
nameplate capacity (kW): nuclear 75,312, coal 110,500
1989 MWh generated: 1,206,800
1989 MWh purchased: 1,800,897
1989 MWh sold: 2,921,516
1989 revenues: $141,586,000
members: Alachua, Bartow, Bushnell, Clewiston, Fort Meade, Fort Pierce, Gainesville, Green Cove Springs, Havana, Homestead, Jacksonville Beach, Key West, Kissimmee, Lakeland, Lake Worth, Leesburg, Moore Haven, Mount Dora, Newberry, New Smyrna Beach, Ocala, St. Cloud, Sebring, Starke, Tallahassee, Vero Beach, Wauchula, Williston
services: power supply and planning, joint financing, load forecasting, wheeling arrangements, newsletter, demand-side management, engineering, transmission and distribution assistance

Georgia

Municipal Electric Authority of Georgia*
1470 Riveredge Parkway, N.W.
Atlanta, Ga. 30328
(404) 952-5445
Donald L. Stokley, President & General Manager
established 1975
nameplate capacity (kW): nuclear 808,000, coal 750,000
transmission: 1,123 miles, 46-230 kV
1989 MWh generated: 7,443,289
1989 MWh purchased: 1,567,009
1989 MWh sold: 8,681,664
1989 revenues: $510,489,000
members: Adel, Albany, Barnesville, Blakely, Brinson, Buford, Cairo, Calhoun, Camilla, Cartersville, College Park, Commerce, Covington, Crisp County, Doerun, Douglas, East Point, Elberton, Ellaville, Fairburn, Fitzgerald, Forsyth, Fort Valley, Grantville, Griffin, Hogansville, Jackson, LaFayette, LaGrange, Lawrenceville, Mansfield, Marietta, Monroe, Monticello, Moultrie, Newnan, Norcross, Oxford, Palmetto, Quitman, Sandersville, Sylvania, Sylvester, Thomaston, Thomasville, Washington, West Point, Whigham
services: power supply, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand side management, engineering, legal assistance, public relations, rate design and cost-of-service studies, financial studies, safety and training, environmental regulations compliance, transmission and distribution assistance, joint equipment purchasing, economic development, shared management, storm mutual aid

Illinois

Illinois Municipal Electric Agency
919 S. Spring
Springfield, Ill. 62704
217/789-4632
Frank G. Madonia, General Manager
esablished 1984
1989 MWh generated: 0
1989 MWh purchased: 942,245
1989 MWh sold: 942,245
1989 revenues: $35,219,499
members: Altamont, Bethany, Breese, Bushnell, Cairo, Carlyle, Carmi, Casey, Chatham, Farmer City, Flora, Freeburg, Highland, Ladd, Marshall, Mascoutah, Metropolis, Oglesby, Peru, Princeton, Rantoul, Riverton, Rochelle, Rock Falls, Roodhouse, St. Charles, Springfield, Sullivan, Waterloo, Winnetka
services: power supply and transmission, load forecasting, wheeling arrangements, engineering assistance, state and federal legislative lobbying, newsletter, public relations

Indiana

Indiana Municipal Power Agency*
11610 N. College Ave.
Carmel, Ind. 46032
(317) 573-9955
Raj Rao, General Manager
established 1980
nameplate capacity (kW): coal 155,938
transmission: 86 miles, 230-345 kV
1989 MWh generated: 651,999
1989 MWh purchased: 3,100,946
1989 MWh sold: 3,632,688
1989 revenues: $149,633,000
members: Advance, Anderson, Bainbridge, Bargersville, Centerville, Columbia City, Covington, Crawfordsville, Darlington, Edinburgh, Flora, Frankfort, Frankton, Greendale, Greenfield, Jamestown, Ladoga, Lawrenceburg, Lebanon, Linton, Middletown, Paoli, Pendleton, Peru, Rensselaer, Richmond, Rising Sun, Scottsburg, Tipton, Washington, Waynetown
services: power supply, load forecasting, load research, demand-side management, engineering, public relations, FERC case support, economic development

Iowa

Missouri Basin Municipal Electric Cooperative Assoc.
125 Central Ave. S.E.
Orange City, Iowa 51041
(712) 737-4885
Harold Schiebout, President
established 1978
members: Iowa: Alton, Denison, Fontanelle, Hartley, Hawarden, Kimballton, Lake Park, Manilla, Orange City, Paullina, Primghar, Remsen, Rock Rapids, Sanborn, Shelby, Sioux Center, Wall Lake, Woodbine
services: wheeling arrangements

North Iowa Municipal Electric Cooperative Association
Highway 169 & Fifth Ave. N., Box 445
Humboldt, Iowa 50548
(515) 332-2981
Richard Johnson, Executive Vice President
established 1965
nameplate capacity (kW): coal 27,750, oil/gas 56,000
transmission: 18.57 percent ownership, 1,604 miles, 69-161 kV
1989 MWh generated: 197,461
1989 MWh purchased: 157,262
1989 MWh sold: 354,723
1989 revenues: $10,370,032
members: Alta, Bancroft, Coon Rapids, Graettinger, Grundy Center, Laurens, Milford, New Hampton, Spencer, Sumner, Webster City, West Bend
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, lobbying, demand-side management, engineering, legal assistance, financial studies, computer support, financial guidance, economic development

South Iowa Municipal Electric Cooperative Association
321 N. First St.
Winterset, Iowa 50273
(515) 462-2454
George C. Berry, President
established 1967
1989 MWh generated: 0
1989 MWh purchased: 122,000
1989 MWh sold: 122,000
1989 revenues: $4,881,000
members: Brooklyn, Cascade, Corning, Earlville Light & Water System, Fontanelle, Gowrie, Grand Junction, Greenfield, Independence, Indianola, La Porte City, Lamoni, Lenox, Ogden, Preston, State Center, Stuart, Villisca, Winterset
services: power supply

Western Iowa Municipal Electric Cooperative Assn.
223 Main St.
Manning, Iowa 51455
~~(712) 653-3214~~
Duane Monson, President
established 1973

Kansas

Kansas Municipal Energy Agency*
6950 Sqibb Road, Suite 414, Box 2179
Mission, Kan. 66201
(913) 677-2885
Gilbert E. Hanson Jr., General Manager
established 1978
1989 MWh generated: 0
1989 MWh purchased: 283,027
1989 MWh sold: 283,027
1989 revenues: $9,288,000
members: Augusta, Baldwin City, Belleville, Burlington, Chanute, Clay Center, Colby, Ellis, Erie, Fredonia, Garnett, Girard, Greensburg, Herington, Hoisington, Iola, Larned, Meade, Mulvane, Neodesha, Norton, Oberlin, Osawatomie, Ottawa, Pratt, St. Francis, Sharon Springs, Sterling, Stockton, Washington, Wellington, Winfield
services: power supply, joint financing, wheeling arrangements, FERC case support

Louisiana

Louisiana Energy and Power Authority*
315 Johnston St.
Lafayette, La. 70501
(318) 269-4046
Sylvan Richard, Manager
established 1980
nameplate capacity (kW): coal 106,000
1989 MWh generated: 502,016
1989 MWh purchased: 765,699
1989 MWh sold: 1,267,715
1989 revenues: $54,570,000
members: Abbeville, Alexandria, Erath, Gueydan, Houma, Jonesville, Kaplan, Lafayette, Minden, Morgan City, Natchitoches, New Roads, Plaquemine, Rayne, St. Martinville, Vidalia, Vinton, Welsh, Winnfield
services: power supply, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand-side management, engineering, legal assistance, public relations, rate design and cost-of-service studies, FERC case support, safety and training, environmental regulation compliance, billing and collections, circuit rider

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Massachusetts

Massachusetts Municipal Wholesale Electric Co.*
Stony Brook Energy Center, Box 426
Ludlow, Mass. 01056
(413) 589-0141
David A. Sjosten, General Manager
established 1976
nameplate capacity (kW): gas/oil 343,000, oil 192,680, nuclear 188,901
transmission: 5.2 miles, 345 kV
1989 MWh generated: 1,438,042
1989 MWh purchased: 1,414,588
1989 MWh sold: 3,188,123
1989 revenues: $258,185,000
members: Ashburnham, Belmont, Boylston, Chicopee, Concord, Danvers, Georgetown, Groton, Hingham, Holden, Holyoke, Hull, Ipswich, Littleton, Mansfield, Marblehead, Merrimac, Middleborough, Middleton, North Attleborough, Paxton, Princeton, Reading, Rowley, Shrewsbury, South Hadley, Sterling, Templeton, Wakefield, West Boylston, Westfield
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand-side management, engineering, legal assistance, public relations, rate design and cost-of-service studies, financial studies, management studies, computer support, FERC case support, safety and training, environmental regulations compliance, financial guidance, billing and collections, transmission and distribution assistance, joint equipment purchasing, shared management

Michigan

Michigan Public Power Agency*
2130 Enterprise, S.E.
Kentwood, Mich. 49508
(616) 455-1460
Gary L. Zimmerman, General Manager
established 1978
nameplate capacity (kW): coal 280,650
transmission: partial ownership, 225 miles, 345 kV
1989 MWh generated: 1,893,187
1989 MWh purchased: 58,786
1989 MWh sold: 1,939,418
1989 revenues: $88,010,000
members: Bay City, Charlevoix, Chelsea, Croswell, Eaton Rapids, Grand Haven, Harbor Springs, Hart, Holland, Lansing, Lowell, Niles, Paw Paw, Petoskey, Portland, St. Louis, Sebewaing, Traverse City, Zeeland
services: power supply, joint financing, wheeling arrangements, newsletter, lobbying, public relations

Michigan South Central Power Agency*
720 Herring Rd., Box 62
Litchfield, Mich. 49252
(517) 542-2346
Jack Bierl, General Manager
established 1978
nameplate capacity (kW): coal 55,000
transmission: partial ownership, 58 miles, 345 kV
1989 MWh generated: 209,410
1989 MWh purchased: 219,557
1989 MWh sold: 413,443
1989 revenues: $22,823,000
members: Clinton, Coldwater, Hillsdale, Marshall, Union City Electric Department.
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand-side management, engineering, legal assistance, public relations, management studies, safety and training, environmental regulations compliance, financial guidance, transmission and distribution assistance, economic development

Minnesota

Arrowhead Municipal Power Agency
c/o City of Proctor, 200 Second St.
Proctor, Minn. 55810
(218) 624-4055
Daniel Hoffman, President
members: Biwabik, Nashwauk, Proctor
services: power supply, wheeling arrangements, legal assistance, financial studies, FERC case support

Northeastern Minnesota Municipal Power Agency
19th St. & Sixth Ave., Box 249
Hibbing, Minn. 55746
(218) 263-7515
David C. Straffacia, President
members: Biwabik, Brainerd, Ely, Gilbert, Mountain Iron, Nashwauk, Virginia; Public Utilities Commissions: Grand Rapids, Hibbing, Keewatin, Proctor

Northern Municipal Power Agency
Box 528
Thief River Falls, Minn. 56701
(218) 681-8002
John T. Anderson, General Manager
nameplate capacity (kW): coal 124,380
transmission: partial ownership of 264 miles, 345 kV
1989 MWh generated: 2,334,177
1989 MWh purchased: 0
1989 MWh sold: 2,237,831
1989 revenues: $14,924,000
members: Minnesota: Bagley, Baudette, Fosston, Halstad, Hawley, Roseau, Stephen, Thief River Falls, Warren, Warroad; North Dakota: Grafton, Park River
services: power supply, wheeling arrangements, public relations

Southern Minnesota Municipal Power Agency*
500 S.W. First Ave.
Rochester, Minn. 55902
(507) 35-0478
Pierre J. Heroux, Executive Director & CEO
established 1977
nameplate capacity (kW): oil 68,240, coal 483,969
transmission: full ownership, 207.6 miles, 69-230 kV
1989 MWh generated: 827,566
1989 MWh purchased: 539,370
1989 MWh sold: 2,260,388
1989 revenues: $119,082,000
members: Austin, Blooming Prairie, Fairmont, Grand Marais, Lake City, Litchfield, Mora, New Prague, North Branch, Owatonna, Preston, Princeton, Redwood Falls, Rochester, St. Peter, Spring Valley, Waseca, Wells
services: power supply, joint financing, load management, load forecasting, load research, newsletter, lobbying, demand-side management, engineering, legal assistance, public relations, rate design and cost-of-service studies, computer support, environmental regulations compliance, financial guidance, transmission and distribution assistance, economic development

Western Minnesota Municipal Power Agency
212 Second St. N.W.
Ortonville, Minn. 56278
(612) 839-2549
Dan Holdhusen, General Manager
established 1976
nameplate capacity (kW): oil 60,000; coal 272,000
1989 MWh generated:

1,212,999
1989 MWh purchased: 196,615
1989 MWh sold: 1,409,614
1989 revenues: $39,132,000
members: Adrian, Alexandria, Barnesville, Benson, Breckenridge, Detroit Lakes, Elbow Lake, Henning, Jackson, Lake Park, Lakefield, Luverne, Madison, Moorhead, Ortonville, St. James, Sauk Centre, Staples, Wadena, Westbrook, Windom, Worthington.

Mississippi

Municipal Energy Agency of Mississippi*
620 N. State St., Suite 202
Jackson, Miss. 39202
(601) 353-4763
C. Neil Davis, General Manager
established 1978
1989 MWh generated: 0
1989 MWh purchased: 708,804
1989 MWh sold: 708,893
1989 revenues: $27,107,000
members: Canton, Clarksdale, Durant, Greenwood, Itta Bena, Kosciusko, Leland, Yazoo City
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, demand-side management, public relations, economic development

Missouri

Missouri Joint Municipal Electric Utility Commission*
2407 W. Ash
Columbia, Mo. 65203
(314) 445-3279
B. J. Barnett, General Manager
established 1980
members: Albany, Bethany, Cabool, Cameron, Campbell, Carthage, Centralia, Chillicothe, Columbia, Farmington, Fayette, Fredericktown, Fulton, Gallatin, Hannibal, Hermann, Higginsville, Independence, Jackson, Kennett, Kirkwood, La Plata, Lamar, Macon, Malden, Marceline, Marshall, Memphis, Milan, Monroe City, New Madrid, Nixa, Odessa, Owensville, Palmyra, Paris, Poplar Bluff, Richland, Rolla, Salisbury, Shelbina, Sikeston, Slater, Springfield, Stanberry, Trenton, Unionville, Vandalia, Waynesville, West Plains.
services: power supply, wheeling arrangements, demand-side management, engineering

Nebraska

Municipal Energy Agency of Nebraska+
521 S. 14th St., Suite 500
Box 95124
Lincoln, Neb. 68509
(402) 474-4759
H. Stephen Wacker, Executive Director
established 1981
nameplate capacity (kW): coal 70,000, oil/gas 75,000
1989 MWh generated: 159,793
1989 MWh purchased: 580,708
1989 MWh sold: 717,109
1989 revenues: $22,382,000
members: **Colorado**: Aspen, Fleming, Fort Morgan, Frederick, Haxtun, Lyons, Oak Creek, Yuma; **Kansas**: Belleville, Beloit, Goodland; **Nebraska**: Alliance, Ansley, Arnold, Auburn, Bayard, Beaver City, Benkelman, Blue Hill, Bridgeport, Broken Bow, Burwell, Callaway, Cambridge, Chappell, Crete, Curtis, Fairbury, Fairmont, Falls City, Franklin, Gering, Grand Island, Grant, Hastings, Hubbell, Imperial PPD, Indianola, Kimball, Lodgepole, Lyman, Mitchell, Morrill, Mullen, Nebraska City, Oxford, Pender, Red Cloud, Sargent, Shickley, Sidney, Spencer, Stuart, Wahoo, West Point, Wood River
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, demand-side management, public relations, economic development

Nebraska Municipal Power Pool*
521 S. 14th St., Suite 500
Box 95124
Lincoln, Neb. 68509
(402) 474-4759
H. Stephen Wacker, General Manager
established 1975
members: **Colorado**: Aspen, Burlington, Fleming, Frederick, Fort Morgan, Haxtun, Holyoke, Julesburg, Lyons, Oak Creek, Wray, Yuma; Iowa: Harlan; **Kansas**: Belleville, Beloit, Goodland, Holyrood; **Nebraska**: Alliance, Alma, Ansley, Arapahoe, Arnold, Auburn, Aurora, Battle Creek, Bayard, Beatrice, Beaver City, Benkelman, Blue Hill, Bradshaw, Bridgeport, Broken Bow, Burwell, Callaway, Central City, Chappell, Clarkson, Crete, Curtis, Dakota City, David City, Fairbury, Fairmont, Falls City, Franklin, Friend, Gering, Grand Island, Grant, Greenwood, Hastings, Hemingford, Hickman, Holdrege, Hubbell, Imperial PPD, Indianola, Kimball, Laurel, Leigh, Lexington, Lincoln, Lodgepole, Lyman, Lyons, Mitchell, Morrill, Mullen, Nebraska City, Neligh, North Central PPD, Northeast Nebraska RPPD, North Platte, Norton-Decatur Cooperative Electric Co. Inc., Oxford, Pender, Pierce, Plainview, Red Cloud, Sargent, Scribner, Seward, Shickley, Sidney, Snyder, South Central PPD, South Sioux City, Spalding, Spencer, St. Paul, Stanton County PPD, Stromsburg, Stuart, Superior, Sutton, Southwest PPD, Syracuse, Tecumseh, Twin Valleys PPD, Valentine, Wahoo, Wakefield, Walthill, Wauneta, West Point, Wilber, Wilcox, Wisner, Wood River; South Carolina: Coastal Electric Cooperative, Inc.; Wyoming: Torrington
services: newsletter, lobbying, demand-side management, public relations, management studies, computer support, FERC case support, safety and training, transmission and distribution assistance, circuit rider, gas

North Carolina

North Carolina Eastern Municipal Power Agency*
1427 Meadowwood Blvd., Box 29513
Raleigh, N.C. 27626-0513
(919) 832-9924
James T. Bobo, General Manager
established 1976
nameplate capacity (kW): nuclear 428,676, coal 211,047
1989 MWh generated: 4,061,851
1989 MWh purchased: 1,977,702
1989 MWh sold: 5,[illegible]6,957
1989 revenues: $357,893,000
members: Apex, Ayden, Belhaven, Benson, Clayton, Edenton, Elizabeth City, Farmville, Fremont, Greenville, Hamilton, Hertford, Hobgood, Hookerton, Kinston, LaGrange, Laurinburg, Louisburg, Lumberton, New Bern, Pikeville, Red Springs, Robersonville, Rocky Mount, Scotland Neck, Selma, Smithfield, Southport, Tarboro, Wake Forest, Washington, Wilson
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, legal assistance, public relations, rate design and cost-of-service studies, financial studies, computer support, FERC case support

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North Carolina Municipal Power Agency No. 1*
1427 Meadowwood Blvd., Box 29513
Raleigh, N.C. 27626-0513
(919) 832-9924
James T. Bobo, General Manager
established 1976
nameplate capacity (kW): nuclear 860,000
1989 MWh generated: 5,382,673
1989 MWh purchased: 3,032,351
1989 MWh sold: 8,321,206
1989 revenues: $429,098,000
members: Albemarle, Bostic, Cherryville, Cornelius, Drexel, Gastonia, Granite Falls, High Point, Huntersville, Landis, Lexington, Lincolnton, Maiden, Monroe, Morganton, Newton, Pineville, Shelby, Statesville
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, legal assistance, public relations, rate design and cost-of-service studies, financial studies, computer support, FERC case support

North Dakota

North Dakota Municipal Power Agency*
2105 Catherine Drive
Bismarck, N.D. 58501
(701) 255-6832
Robert H. Griffin, Secretary-Treasurer
established 1977
members: Cavalier, Hillsboro, Hope, Lakota, Northwood, Valley City.
services: Agency is inactive.

Ohio

American Municipal Power-Ohio*
601 Dempsey Road, Box 549
Westerville, Ohio 43081
(614) 890-2805
Kenneth L. Hegemann, President
nameplate capacity (kW): coal 20,000, oil 10,000
1989 MWh generated: 1,058,662
1989 MWh purchased: 2,745,879
1989 MWh sold: 3,804,541
1989 revenues: $126,519,000
members: Amherst, Arcadia, Arcanum, Beach City, Bloomdale, Bowling Green, Bradner, Brewster, Bryan, Carey, Celina, Cleveland, Clyde, Columbiana, Columbus, Custar, Cuyahoga Falls, Cygnet, Deshler, Dover, Edgerton, Eldorado, Elmore, Galion, Genoa, Glouster, Grafton, Greenwich, Hamilton, Haskins, Hubbard, Hudson, Jackson, Jackson Center, Lakeview, Lebanon, Lodi, Lucas, Mendon, Milan, Minster, Monroeville, Montpelier, Napoleon, New Bremen, New Knoxville, Newton Falls, Niles, Oak Harbor, Oberlin, Ohio City, Orrville, Painesville, Pemberville, Pioneer, Piqua, Prospect, Republic, St. Clairsville, St. Marys, Seville, Shelby, South Vienna, Sycamore, Tipp City, Versailles, Wadsworth, Wapakoneta, Waynesfield, Wellington, Westerville, Wharton, Woodsfield, Woodville, Yellow Springs
services: power supply, load forecasting, wheeling arrangements, publications, engineering, legal assistance, public relations, safety and training, transmission and distribution assistance, economic development, circuit rider, FERC case support, mutual aid

Oklahoma

Oklahoma Municipal Power Authority*
2300 E. 2nd St., Box 1960
Edmond, Okla. 73083-1960
(405) 340-5047
Harry Dawson, General Manager
established 1981
nameplate capacity (kW): coal 118,000, hydro 36,700
transmission: 47 miles, 24-138 kV
1989 MWh generated: 680,882
1989 MWh purchased: 825,188
1989 MWh sold: 1,484,632
1989 revenues: $66,087,000
members: Altus, Blackwell, Comanche, Copan, Duncan, Edmond, Eldorado, Fairview, Frederick, Goltry, Granite, Hominy, Kingfisher, Laverne, Lexington, Mangum, Marlow, Newkirk, Okeene, Olustee, Pawhuska, Ponca City, Pond Creek, Prague, Ryan, Spiro, Tecumseh, Tonkawa, Walters, Waynoka, Wetumka, Wynnewood, Yale
services: power supply, load forecasting, load research, newsletter, engineering, public relations, financial studies, transmission and distribution assistance, marketing, rate studies

South Carolina

Piedmont Municipal Power Agency*
121 Village Drive
Greer, S.C. 29651
(803) 877-9632
James A. Bauer, General Manager
established 1979
nameplate capacity (kW): nuclear 286,500
1989 MWh generated: 1,783,630
1989 MWh purchased: 1,159,900
1989 MWh sold: 2,908,962
1989 revenues: $151,914,000
members: Abbeville, Clinton, Easley, Gaffney, Greer, Laurens, Newberry, Rock Hill, Union, Westminster
services: power supply

South Dakota

Heartland Consumers Power District+ *
Box 248
Madison, S.D. 57042
(605) 256-6536
David C. Westbrock, General Manager
established 1969
nameplate capacity (kW): coal 49,500
transmission: 24% ownership, 8 miles, 115 kV; 30% ownership, 742 miles, 230-345 kV
1989 MWh generated: 230,522
1989 MWh purchased: 84,754
1989 MWh sold: 298,414
1989 revenues: $9,164,000
members: **Iowa**: Akron; Minnesota: Marshall, Tyler; South Dakota: Arlington, Aurora, Colman, Estelline, Groton, Hecla, Howard, McLaughlin, Madison, Parker, Plankinton, Tyndall, Volga, Wessington Springs, White; **Cooperatives**: Northern Electric Power Cooperative, Inc., Aberdeen, S.D.; **State Institutions**: University of South Dakota, Vermillion, South Dakota, State University, Brookings, State Training School, Plankinton
services: power supply, load forecasting, wheeling arrangements, load research, lobbying, computer support, economic development

Missouri Basin Municipal Power Agency+ *
Box 84610
Sioux Falls, S.D. 57118-4610
(605) 338-4042
Dan Holdhusen, General Manager
established 1965
nameplate capacity (kW): coal 272,000, oil 60,000
transmission: partial ownership, 10,155 miles, 69-345 kV; full ownership, 4.5 miles, 115 kV
1989 MWh generated: 0
1989 MWh purchased: 1,528,993
1989 MWh sold: 1,482,894
1989 revenues: $52,849,000
members: **Iowa**: Alton, Denison, Fontanelle, Hartley, Hawarden, Kimballton, Lake Park, Manilla, Orange City, Paullina, Primghar, Remsen, Rock Rapids, Sanborn, Shelby, Sioux Center, Wall Lake, Woodbine; **Minnesota**:

Adrian, Alexandria, Barnesville, Benson, Blue Earth, Breckenridge, Detroit Lakes, Elbow Lake, Granite Falls, Henning, Jackson, Lakefield, Lake Park, Luverne, Madison, Moorhead, Ortonville, St. James, Sauk Center, Staples, Wadena, Westbrook, Worthington; **North Dakota**: Cavalier, Hillsboro, Lakota, Northwood, Valley City; **South Dakota**: Beresford, Big Stone City, Brookings, Burke, Faith, Flandreau, Fort Pierre, Pickstown, Pierre, Vermillion, Watertown, Winner
services: power supply, load forecasting, wheeling arrangements, load research, newsletter, demand-side management, workshops and seminars, public relations, second opinion/review of rate design and cost-of-service studies, computer support, environmental regulations compliance, financial guidance, transmission and distribution assistance, joint equipment purchasing, economic development.
Affiliate organizations are: Western Minnesota Municipal Power Agency, Missouri Basin Muncipal Electric Cooperative Association, South Dakota Municipal Power Agency, and North Dakota Municipal Power Agency.

South Dakota Municipal Power Agency
Box 84610
Sioux Falls, S.D. 57118
(605) 224-7341
Dave Pagett, President
members: Beresford, Big Stone, Brookings, Burke, Faith, Flandreau, Fort Pierre, Pierre, Vermillion, Watertown, Winner
services: power supply, load forecasting, wheeling arrangements, load research, newsletter, demand-side management, public relations, rate design and cost-of-service studies, computer support, environmental regulations compliance, financial guidance, transmission and distribution assistance, joint equipment purchasing, economic development

Texas

Lone Star Municipal Power Agency*
Box 9960
College Station, Texas 77840-9960
(409) 693-5359
John C. Woody, Executive Director
members: Caldwell, Kirbyville, Newton
services: power supply, joint financing, wheeling arrangements, newsletter, lobbying, safety and training, transmission and distribution assistance

Sam Rayburn Municipal Power Agency*
1412 S. Houston, Box 1700
Livingston, Texas 77351
(409) 327-5303
North Bardell, Executive Director
established 1979
nameplate capacity (kW): coal 49,070, hydro 23,000
1989 MWh generated: 329,545
1989 MWh purchased: 117,963
1989 MWh sold: 432,782
1989 revenues: $20,346,000
members: Louisiana: Vinton; Texas: Jasper, Liberty, Livingston
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, lobbying, engineering, legal assistance, public relations, FERC case support, environmental regulations compliance, transmission and distribution assistance, joint equipment purchasing, economic development, shared management

Texas Municipal Power Agency*
Box 7000
Bryan, Texas 77805
(409) 873-2013
Ed Wagoner, Executive Director & General Manager
nameplate capacity (kW): coal 405,000
transmission: partial ownership, 19 miles, 345 kV; full ownership, 238 miles, 69-345 kV
1989 MWh generated: 2,836,114
1989 MWh purchased: 0
1989 MWh sold: 2,744,109
1989 revenues: $175,652,000
members: Bryan, Denton, Garland, Greenville
services: power supply

West Texas Municipal Power Agency
Box 2000
Lubbock, Texas 79457
(806) 767-2010
Joan Baker, President
established 1984
members: Brownsville, Floydada, Lubbock, Tulia
services: power supply

Utah

Intermountain Power Agency*
480 E. 6400 S., Suite 200
Murray, Utah 84107
(801) 262-8807
Reed T. Searle, General Manager
established 1974
nameplate capacity (kW): coal 1,640,000
1989 MWh generated: 10,978,100
1989 MWh purchased: 0
1989 MWh sold: 10,376,890
1989 revenues: $462,979,000
members: Beaver, Bountiful, Enterprise, Ephraim, Fairview, Fillmore City, Heber Light & Power Company, Holden, Hurricane, Hyrum City, Kanosh, Kaysville City, Lehi City, Logan City, Meadow, Monroe City, Morgan City, Mount Pleasant, Murray City, Oak City, Parowan City, Price, Spring City. Thirteen other utilities also purchase power from the Intermountain Power Project. These include six municipal utilities in California, and six rural electric cooperatives and one private power company in Utah.
services: power supply, joint financing, wheeling arrangements, newsletter, lobbying, financial studies

Utah Associated Municipal Power Systems*
8722 S. 300 West
Sandy, Utah 84070
(801) 566-3938
Carolyn S. McNeil, General Manager
established 1980
nameplate capacity (kW): coal 56,870
1989 MWh generated: 348,617
1989 MWh purchased: 392,011
1989 MWh sold: 875,106
1989 revenues: $27,212,000
members: **Arizona**: Page; **Utah**: Beaver, Blanding, Bountiful, Brigham City, Enterprise, Ephraim, Fairview, Fillmore, Heber, Holden, Hurricane, Hyrum, Kanosh, Kaysville, Lehi, Logan, Meadow, Monroe, Morgan, Mount Pleasant, Murray, Oak City, Paragonah, Payson, St. George, Santa Clara, Spring City, Springville, Strawberry Electric Service District, Washington, Weber Basin Water Conservancy District
services: power supply, joint financing, load forecasting, wheeling arrangements, lobbying, legal assistance, public relations, rate design and cost-of-service studies

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+ Member, Demonstration of Energy-Efficient Developments Program

Utah Municipal Power Agency*
40 S. Main, P.O. Box 818
Spanish Fork, Utah 84660
(801) 798-7489
G. Richard Judd, General Manager
established 1981
nameplate capacity (kW): coal 39,800; oil 10,000; gas 7,400; hydro 3,400; other 3,600
1989 MWh generated: 175,915
1989 MWh purchased: 385,550
1989 MWh sold: 646,753
1989 revenues: $23,201,000
members: Levan, Manti, Nephi, Provo, Salem, Spanish Fork
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, lobbying, demand-side management, engineering, legal assistance, FERC case support

Vermont

Vermont Public Power Supply Authority*
512 St. George Road.,
Box 425
Williston, Vt. 05495
(802) 878-5274
William J. Gallagher, General Manager
established 1979
nameplate capacity (kW): wood 9,500
transmission: 9.11% of 200-MW Hydro Quebec interconnection
1989 MWh generated: 35,797
1989 MWh purchased: 131,241
1989 MWh sold: 167,038
1989 revenues: $9,757,000
members: Enosburg Falls, Jacksonville, Ludlow, Lyndonville, Morrisville, Northfield, Readsboro, Stowe, Swanton, Washington Electric Cooperative, Inc.
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, lobbying, demand-side management, engineering, legal assistance, public relations, rate design and cost-of-service studies, computer support, FERC case support, transmission and distribution assistance

Virginia

Blue Ridge Power Agency
c/o Danville Electric Division,
Drawer 3300
Danville, Va. 24543
(804) 799-5270
Duane Dahlquist, President
members: Bedford, Bristol, Danville, Martinsville, Radford, Richlands, Salem, Virginia Polytechnic Institute
services: power supply, load forecasting, wheeling arrangements, load research, lobbying, FERC case support, safety and training

Virginia Municipal Electric Association No. 1
207 W. Second St.
Franklin, Va. 23851
(804) 562-8568
Molly Bass, President
nameplate capacity (kW): oil 12,000
members: Blackstone, Culpeper, Elkton, Franklin, Harrisonburg, Manassas, Wakefield
services: power supply, load forecasting

Washington

Central Washington Power Agency
1400 E. Vantage Hwy.
Ellensburg, Wash. 98926
(509) 925-3164
Harold W. Jenkins, Director
members: Grant County Public Utility District, Kittitas County Public Utility District.
services: Agency currently is inactive, but exploring development of hydroelectric projects.

Grand Coulee Project Hydroelectric Authority*
Box 219
Ephrata, Wash. 98823-0219
(509) 754-2227
Merle R. Gibbens, Secretary/Manager
established 1982
nameplate capacity (kW): hydro 129,000
1989 MWh generated: 471,754
1989 MWh purchased: 0
1989 MWh sold: 471,754
1989 revenues: $17,351,813
members: South Columbia Basin Irrigation District, Quincy Columbia Basin Irrigation District, East Columbia Basin Irrigation District
services: power supply, public relations, FERC case support, billing and collections

Washington Public Power Supply System*
Box 968
Richland, Wash. 99352
(509) 372-5000
Donald Mazur, Managing Director
established 1957
nameplate capacity (kW): nuclear 1,150,000, hydro 27,000
1989 MWh generated: 6,124,795
1989 MWh purchased: 0
1989 MWh sold: 6,116,717
1989 revenues: $458,039,000
members: **Public Utility Districts**: Benton, Chelan, Ferry, Franklin, Grant, Kittitas, Klickitat, Okanogan, Skamania, Wahkiakum; **Cities**: Richland, Seattle, Tacoma
services: power supply and technical support

Wisconsin

Badger Power Marketing Authority
122 N. Sawyer St.
Shawano, Wis. 54166
(715) 526-2920
General Manager
established 1984
transmission: full ownership, 2.5 miles, 138 kV
members: Shawano, Clintonville
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, lobbying, demand-side management, engineering, legal assistance, public relations, rate design and cost-of-service studies, financial studies, management studies, FERC case support, transmission and distribution assistance

Western Wisconsin Municipal Power Group
800 Lincoln Ave.
Fennimore, Wis. 53809
(608) 822-6501
Charles J. Leuck, President
established 1976
transmission: shared ownership in a transmission system
members: **Iowa**: Forest City, Lake Mills, Osage; **Wisconsin**: Arcadia, Argyle, Cashton, Cumberland, Elroy, Fennimore, La Farge, Merrilan, New Lisbon, Viola
services: joint financing, load forecasting, wheeling arrangements, public relations, transmission and distribution assistance

Wisconsin Public Power, Inc. System+ *
Box 44
Sun Prairie, Wis. 53590
(608) 837-2653
David W. Penn, General Manager
established 1980
1989 MWh generated: 0
1989 MWh purchased: 2,276,943
1989 MWh sold: 2,276,943
1989 revenues: $83,538,000
members: Algoma, Black River Falls, Boscobel, Cedarburg, Columbus, Cuba City, Eagle River, Florence, Hartford, Hustisford, Jefferson, Kaukauna, Lake Mills, Lodi, Menasha, Muscoda, New Holstein, New London, New Richmond, Oconomowoc, River Falls, Slinger, Sturgeon Bay, Sun Prairie, Two Rivers,

Waterloo, Waunakee, Waupun, Westby, Whitehall
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand-side management, engineering, rate design and cost-of-service studies, computer support, FERC case support, environmental regulations compliance, transmission and distribution assistance, joint equipment purchasing

Wyoming

Wyoming Municipal Power Agency*
Box 900
Lusk, Wyo. 82225
(307) 334-2170
Larry LaMaack, Executive Director
nameplate capacity (kW): coal 22,605
transmission: partial ownership, 597 miles, 230-345 kV; full ownership, 3.5 miles, 69 kV
1989 MWh generated: 150,354
1989 MWh purchased: 65,834
1989 MWh sold: 207,214
1989 revenues: $4,984,000
members: Cody, Fort Laramie, Guernsey, Lingle, Lusk, Pine Bluffs, Powell, Wheatland
services: power supply, joint financing, load forecasting, wheeling arrangements, load research, newsletter, lobbying, demand-side management, engineering, public relations, rate design and cost-of-service studies, safety and training, transmission and distribution assistance

FEDERAL POWER AGENCIES

Alaska Power Administration*
Box 020050
Juneau, Alaska 99802-0050
(907) 586-7405
Robert J. Cross, Administrator

Bonneville Power Administration*
Box 3621
Portland, Ore. 97208
(503) 230-3000
James J. Jura, Administrator

Southeastern Power Administration*
Samuel Elbert Building
Elberton, Ga. 30635
(404) 283-9911
John McAllister Jr., Administrator

Southwestern Power Administration*
Box 1619
Tulsa, Okla. 74101
(918) 581-7474
J. M. Shafer, Administrator

Tennessee Valley Authority*
400 W. Summit Hill Drive
Knoxville, Tenn. 37902
(615) 632-2101
Marvin Runyon, Chairman

U.S. Army Corps of Engineers
20 Massachusetts Ave. N.W.
Washington, D.C. 20314
(202) 272-0001
Gen. Henry J. Hatch, Chief of Engineers

U.S. Bureau of Reclamation Department of Interior*
18th & C Sts. N.W.
Washington, D.C. 20240
(202) 208-4662
Dennis Underwood, Commissioner

Western Area Power Administration*
Box 3402
Golden, Colo. 80401
(303) 231-1513
William Clagett, Administrator

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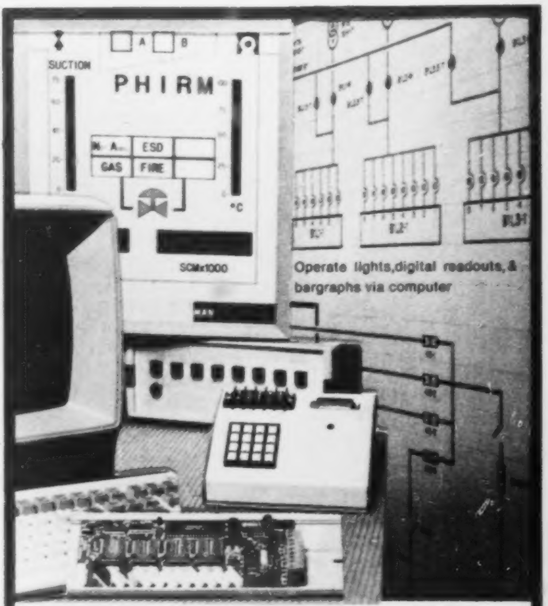
+ Member, Demonstration of Energy-Efficient Developments Program



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Box 348
Tupelo, Miss. 38802-0348
(601) 842-5962
Ronnie H. Hickman, General Manager

Colorado River Energy Distributors Association*
c/o ICPA,
8722 S. 300 West
Sandy, Utah 84070
(801) 566-3933
Edward C. Rampton, Secretary-Treasurer

Great Lakes Electric Consumers Association*
1800 Mass. Ave, NW,
6th floor
Box 19089
Washington, D.C.
20036-9089
(202) 857-4154
Joe Dudick, Executive Director

Intermountain Consumer Power Association*
8722 S. 300 W.
Sandy, Utah 84070
(801) 566-3933
Carolyn S. McNeil, General Manager

Mid-West Electric Consumers Association*
999 18th St., Suite 1635
Denver, Colo. 80202
(303) 296-2158
Tom Graves, Executive Director

Missouri Basin Systems Group*
Suite 102B, 201 N.
Minnesota Ave.
Sioux Falls, S.D. 57102-0312
(605) 332-3536
Henry Knapp, Executive Director

Northeast Public Power Association*
1700 West Park Dr.
Westborough, Mass.
01581-3907
(508) 898-3554
Patrick J. Hyland, Executive Director

Northwest Public Power Association*
9817 N.E. 54th St., Box 4576
Vancouver, Wash. 98662-0576
(206) 254-0109
Norman C. Jacox, General Manager

Public Power Council*
500 N.E. Multnomah,
Suite 729
Portland, Ore. 97232
(503) 232-2427
William K. Drummond, Manager

SEMO-NEARK Municipal Utilities Association
400 E. Monroe
Jonesboro, Ark. 72401
(501) 935-5581
James A. Reed, President

Southeastern Power Resources Committee, Inc.*
2100 E. Exchange Place,
Box 1349
Tucker, Ga. 30085-1349
(404) 496-7851
F. F. Stacy, President

Southwestern Power Resources Association*
Box 1360
Edmond, Okla. 73083
(405) 340-1900
Mike McDowell, Executive Director

Tennessee Valley Public Power Association*
1201 Chestnut St.
Chattanooga, Tenn. 37402
(615) 756-6511
Jerry L. Campbell, Executive Director

Western Fuels Association, Inc.*
Magruder Building,
1625 M St. N.W.
Washington, D.C.
20036-3264
(202) 463-6580
Fredrick D. Palmer, General Manager

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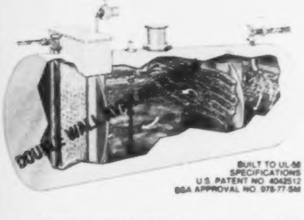

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STATE ASSOCIATIONS

Alabama

Alabama Rural Electric Association*
Box 244014
Montgomery, Ala. 36124-4014
(205) 270-1454
Dail Gibbs, Executive Vice President

Electric Cities of Alabama
Drawer 927
Cullman, Ala. 35056
(205) 734-2343
Chairman

Municipal Electric Utility Association of Alabama
Box 207
Sylacauga, Ala. 35130
(205) 249-0372
Edward Yeargan, Chairman

Arizona

Arizona Municipal Power Users' Association*
2712 N. 7th St.
Phoenix, Ariz. 85006
(602) 248-0372
Michael A. Curtis, Executive Secretary

Irrigation & Electrical Districts Assn. of Arizona*
2001 N. 3rd St., Suite 204
Phoenix, Ariz. 85004-1472
(602) 254-5908
Robert S. Lynch, Assistant Secretary/Treasurer

Arkansas

Arkansas Municipal Power Association
Box 99
Conway, Ark. 72032
(501) 329-6000
James H. Brewer, Chairman

Arkansas Municipal Power Association
Box 99
Conway, Ark. 72032
(501) 329-6000
Zachary D. Wilson, Legal Counsel

California

California Municipal Utilities Association*
1225 Eighth St., Suite 440
Sacramento, Calif. 95814
(916) 441-1733
Gerald L. Jordan, Executive Director

Northern California Municipal Electric Association
c/o City of Redding, 760 Parkview Ave.
Redding, Calif. 96001
(916) 225-4300
Sam Lindley, President

Colorado

Colorado Association of Municipal Utilities*
c/o Longmont Electric Department
1100 S. Sherman St.
Longmont, Colo. 80501
(303) 651-8386
Jeffrey A. Gould, President

Colorado Rural Electric Association*
3333 Quebec St., Suite 8100
Denver, Colo. 80207
(303) 455-2700
Ray Clifton, Executive Director

Connecticut

Connecticut Municipal Electric & Gas Association*
c/o 100 John St., Box 190
Wallingford, Conn. 06492
(203) 265-1593
Raymond F. Smith, President

Florida

Florida Electric Cooperatives Association*
Box 590
Tallahassee, Fla. 32302
(904) 877-6166
John E. Horne, General Manager

Florida Municipal Electric Association, Inc.+ *
Box 10114
Tallahassee, Fla. 32302-2114
(904) 224-3314
Edwin C. Shreve Jr., Executive Vice President

Georgia

Electric Cities of Georgia
201 Pryor St. S.W.
Atlanta, Ga. 30303
(404) 688-0472
Keith Bass, Chairman

Georgia Electric Membership Corp.*
151 Ellis St., Suite 422
Atlanta, Ga. 30303
(404) 659-3430
Derl Hinson, Executive Vice President

Illinois

Illinois Municipal Utilities Association*
919 S. Spring St.
Springfield, Ill. 62704
(217) 522-3518
Richard Carter, Executive Director

Indiana

Indiana Municipal Electric Association*
751 Hawthorne Drive, Box 1416
Carmel, Ind. 46032
(317) 844-3696
Paul Osler, Executive Director

Indiana Statewide Association of RECs*
Box 24517
Indianapolis, Ind. 46224
(317) 248-9453
John Ferguson, General Manager

Iowa

Iowa Association of Electric Cooperatives*
8525 Douglas Ave., Suite 48
Des Moines, Iowa 50322
(515) 276-5350
Glenn O. Lovig, Executive Vice President

Iowa Association of Municipal Utilities+ *
325 Insurance Exchange Bldg., 5th & Grand Ave.
Des Moines, Iowa 50309
(515) 282-0904
Bob Haug, Executive Director

Kansas

Kansas Electric Cooperatives Inc.*
Box 4267
Topeka, Kan. 66604
(913) 272-8740
Lester L. Murphy Jr., Executive Vice President

Kansas Municipal Utilities Inc.*
Box 1225
McPherson, Kan. 67460
(316) 241-1423
Louis Stroup Jr., Executive Director

Kentucky

Municipal Electric Power Association of Kentucky*
400 King's Daughter Drive
Frankfort, Ky. 40601
(502) 223-2063
Lyle D. Cobb, Executive Director

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* Member, American Public Power Association
+ Member, Demonstration of Energy-Efficient Developments Program

Massachusetts

Municipal Electric Association of Massachusetts*
c/o Holden Light Department,
94 Reservoir St.
Holden, Mass. 01520
(508) 829-4316
Neil E. Murray, President

Michigan

Michigan Municipal Electric Association*
2130 Enterprise, S.E.
Kentwood, Mich. 49508
(616) 455-1460
Gary Zimmerman, Executive Vice President

Minnesota

Minnesota Municipal Utilities Association+ *
Prestige Square, 1200 Highway 25 N., Box 459
Buffalo, Minn. 55313
(612) 682-4104
R. G. Kirkham, Executive Director

Minnesota Rural Electric Association*
11640 73rd Ave. N.
Maple Grove, Minn. 55369
(612) 835-2614
Leon Barnier, General Manager

Missouri

Missouri Association of Municipal Utilities+ *
2409 W. Ash
Columbia, Mo. 65203
(314) 445-9177
Gerald Feller, Executive Director

Montana

Montana Electric Cooperatives Association*
Box 1306
Great Falls, Mont. 59403
(406) 761-8333
Jay T. Downen, Executive Vice President & General Manager

Nebraska

Nebraska Power Association
Box 80869
Lincoln, Neb. 68501
(402) 473-3204
Shelley Sahling, Administrative Coordinator

Nebraska Rural Electric Association+ *
Box 82048
Lincoln, Neb. 68501
(402) 475-4988
Rex Carpenter, General Manager

Utilities Section, Nebraska League of Municipalities*
1335 L St.
Lincoln, Neb. 68508
(402) 476-2829
David L. Chambers, Director

New Jersey

Public Power Association of New Jersey*
c/o Sussex Rural Elec. Coop., Box 346
Sussex, N.J. 07461
(201) 875-5101
James A. Jablonski, President

New Mexico

Municipal Electric Generation Association (MEGA)
c/o City of Farmington, 800 Municipal Drive
Farmington, N.M. 87401
(505) 327-7701
Dwight D. Arthur, Secretary

New Mexico Rural Electric Cooperative Association*
614 Don Gaspar
Santa Fe, N.M. 87501
(505) 982-4671
Rodger Beimer, Executive Manager

New York

Municipal Electric Utilities Association of New York+ *
19 Aviation Road
Albany, N.Y. 12205
(518) 459-6937
Robert A. Mullane, Executive Director

North Carolina

ElectriCities of North Carolina*
1427 Meadowwood Blvd., Box 29513
Raleigh, N.C. 27626-0513
(919) 832-9924
James T. Bobo, General Manager

North Carolina Association of Electric Cooperatives*
Box 27306
Raleigh, N.C. 27611
(919) 872-0800
Wayne Keller, Executive Vice President

North Carolina Association of Municipal Electric Systems
Drawer 10
Granite Falls, N.C. 28630
(704) 396-3131
Linda K. Story, Secretary-Treasurer

North Dakota

North Dakota Association of Municipal Power Systems
103 Washington
Northwood, N.D. 58267
(701) 396-3131
Truman C. Wold, President

North Dakota Association of RECs*
Box 727
Mandan, N.D. 58554
(701) 663-6501
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MUNICIPALLY OWNED CABLE TELEVISION SYSTEMS

Communities marked with an asterisk also have a municipally owned electric system.

ALABAMA

Lincoln Cable TV, Box 172, Lincoln 35096; C.L. Watson, 205/763-7777; 891 subscribers; 30 channels; basic monthly rate: $14.50; structure: separate department; financing: city loan (1983)

Opp Cablevision*, Box 311, Opp 36467; Charles McGowan, 205/493-4571; 3,153 subscribers; 30 channels; basic monthly rate: $11; utility use: no; structure: under utility department; financing: city operating revenues (1967)

Riviera Utilities*, 413 E. Laurel Ave., Box 550, Foley 36536; H. Sewell St. John Jr., 205/943-5001; 2,935 subscribers; 31 channels; basic monthly rate: $10.50; utility use: no; structure: separate function of utilities board; financing: retained earnings of utilities board (1982)

ALASKA

Angoon Cable Vision, Box 189, Angoon 99820, 907/788-3653; 106 subscribers; 12 channels; basic monthly rate: $39; structure: department of city (1982)

Kake, City of, Box 500, Kake 99830; Carole Goodman, 907/785-3804; 154 subscribers; 15 channels; basic monthly rate: $32.45; structure: department of city (1984)

Kiana, City of, Box 150, Kiana 99749; Arlene Richard, 907/475-2136; 70 subscribers; basic monthly rate: $25; structure: department of city; financing: grant (1984)

Kotlik, City of*, Utility Office 20068, Kotlik 99620; Joseph Mike, 907/899-4926; 57 subscribers; 8 channels; basic monthly rate: $35; utility use: meter reading; structure: department of electric utility; financing: state grant (1988)

ARKANSAS

Conway Corporation*, Box 99, Conway 72032; James H. Brewer, 501/450-6000; 9,174 subscribers; 29 channels; basic monthly rate: $10.95; utility use: load control (metering planned); structure: owned by city and leased to municipal Conway Corp.; financing: loan from utility department (1980)

Lockesburg Cablevision, P.O. Box 14, Lockesburg 71846; Ulysses Sowell, 501/289-3261; subscribers: 35 channels; basic monthly rate: $7.50; utility use: air-conditioning load management; structure: under utility department; financing: cable fund (1972)

CALIFORNIA

San Bruno Municipal Cable TV, 567 El Camino Real, San Bruno 94066; David A. Thomas, 415/877-8889; 10,900 subscribers; 45 channels (capacity is 58); basic monthly rate: $11.80; structure: separate department of city; financing: rebuilt with revenues from previous cable system (1971)

COLORADO

Center Municipal Cable System*, Box 400, Center 81125; Darrell T. Davis, 719/754-3497; 520 subscribers; 19 channels; basic monthly rate: $7.50; utility use: load control; structure: separate entity controlled by utility board; financing: loan from utility surplus to be paid back by cable department with interest (1984)

Copper Mountain Metropolitan District Cable TV, Box 3195, Copper Mountain 80443; Bruce Smith, 303/968-2882, ext. 6690; 851 subscribers; 12 channels (capacity is 21); basic monthly rate: $18.95; structure: under Metropolitan District (similar to city government); financing: general obligation bonds (1976)

FLORIDA

Newberry, City of*, City Hall, Newberry 32669; Bob Little, 904/472-2161; 597 subscribers; 23 channels; basic monthly rate: $10; utility use: no; structure: part of utility department; financing: separate cable fund (1974)

Valparaiso Communications, Box 296, 44 Southview Ave., Valparaiso 32580; Burt B. Bennett, 904/678-2922; 1,508 subscribers; 34 channels; basic monthly rate: $8.75; structure: separate department of city; financing: cable fund (1976)

GEORGIA

Covington Cable TV*, Box 1527, Covington 30209; Gary Curtis, 404/787-4444; 5,587 subscribers; 28 channels; basic monthly rate: $15; utility use: air-conditioning load management; structure: separate department of city; financing: city's general fund (1980)

Monroe, City of*, Box 725, Monroe 30655; John T. Briscoe Jr., 404/267-5756; 4,014 subscribers; 35 channels; basic monthly rate: $7.50; utility use: air-conditioning load management; structure: under utility department; financing: cable fund (1972)

IOWA

Cable TV Corporation of Dayton*, 101 S. Main St., Dayton 50530; Shirley Miller, 515/547-2711; 232 subscribers; 14 channels (capacity is 35); basic monthly rate: $14.50; utility use: no; structure: department of utility; financing: revenue bonds (1983)

Community Cable Television*, City of Sanborn, 102 Main St., Sanborn 51248; Allen Bonderman, 712/729-3974; 457 subscribers; 26 channels (capacity is 36); basic monthly rate: $9.50; utility use: load management/air conditioners and water heaters; structure: separate department of utility; financing: utility funds and corporation revenue bonds (1981)

Coon Rapids Cable System*, 123 Third Ave., Box 207, Coon Rapids 50058; Eugene P. Smith, 712/684-2225; 404 subscribers; 17 channels; basic monthly rate: $13.50; utility use: no; structure: operated by utility, separate board for policy; financing: utility reserve funds (1982)

Hartley Municipal Cable System*, 169 S. Central Ave., Hartley 51346; Dean Meyer, 712/728-2240; 695 subscribers; 22 channels; basic monthly rate: $10; utility use: maybe load management; structure: separate department of city; financing: loan from surplus electric funds (1983)

Lenox Municipal Cablevision*, 205 S. Main St., Lenox 50851; David Ferris, 515/333-2550; 489 subscribers; 17 channels; basic monthly rate: $13; utility use: load management and meter reading planned; structure: department of city, operated by utility; financing: loan from electric utility (1988)

Manilla Municipal Cable*, 166 Sixth Ave., Manilla 51454; James H. Macumber, 712/654-3952; 425 subscribers; 12 channels; basic monthly rate: $9.95; utility use: no; structure: separate department of utility; financing: loan from electric fund (1983)

Manning Municipal Cable Board*, 719 Third St., Manning 51455; Gerald Beck, 712/653-3214; 580 subscribers; 23 channels (capacity is 30); basic monthly rate: $11; utility use: load management; structure: separate board within utility; financing: electric revenue bonds for load management, gas department surplus for the rest (1982)

Primghar Municipal Cable TV*, 155 First St. S.W., Primghar 51245; Robert Mulder, 712/757-2435; 343 subscribers; 26 channels (capacity is 32); basic monthly rate: $9.50; utility use: load management; structure: part of utility department; financing: general obligation bonds (1981)

Wall Lake Municipal Cable*, 418 Second St., Wall Lake 51466; Sharon Faber, 712/664-2216; 250 subscribers; 16 channels; basic monthly rate: $11; utility use: no; structure: under city government; financing: utility funds (1982)

KANSAS

Altamont Cable System*, P.O. Box 305, Altamont 67330; Elizabeth [illegible]ley, 316/784-5612; 324 subscribers; 17 channels (capacity is 36); basic monthly rate: $14.95; utility use: no; structure: separate department of city; financing: revenue bonds (1983)

Baxter Cablevision, City of Baxter Springs, Box 577, Baxter Springs 66713; C. Michael Hall, 316/856-2727; 1,344 subscribers; 16 channels (capacity is 21); basic monthly rate: $11.95; structure: separate department of city; financing: industrial revenue bonds (1980)

Cawker City, City of*, Box 2, Cawker City 67430; Wayne Musgrove, 913/781-4713; 254 subscribers; 25 channels (capacity is 26); basic monthly rate: $10; utility use: exploring load management, meter reading; structure: separate department of utility; financing: utility revenue bonds, all paid off (1977)

Columbus Cablevision, 300 East Maple, Columbus 66725; Gail Houser, 316/429-2159; 842 subscribers; 10 channels; basic monthly rate: $11; structure: separate city department; financing: revenue bonds (1980)

Courtland Cable TV, P.O. Box 143, Courtland 66939; Tim Garman, 913/374-4355; 150 subscribers; 14 channels; basic monthly rate: $13; structure: separate department of city; financing: revenue bonds (1982)

KENTUCKY

Bardstown Cable TV, 220 N. Fifth St., P.O. Box 368, Bardstown 40004; Lawrence A. Hamilton, 502/348-9711; 3,468 subscribers; 33 channels (capacity is 35); basic monthly rate: $11.75; utility use: no; structure: separate department of city; financing: revenue bonds (1985)

Community Cable Service Division*, 315 W. Second St., Frankfort 40601; Warner Caines, 502/227-7513; 10,600 subscribers; 35 channels; basic monthly rate: $7; utility use: no; structure: municipal entity under utility board; financing: initial loan from electric funds, later from cable revenues (1952)

Glasgow, City of*, 100 Mallory Drive, Box 666, Glasgow 42141; William Ray, 502/651-8341; 1,000 subscribers; 44 channels; basic monthly rate: $13.50; utility use: load management, data acquistion and meter reading planned; structure: division of the electric utility; financing: bank loan (1989)

Williamstown Cable TV*, 400 N. Main St., Williamstown 41097; Michael Shoemaker, 606/824-3352; 657 subscribers; 26 channels (capacity is 35); basic monthly rate: $12.95; utility use: no; structure: department of utility; financing: bank loan (1985)

MARYLAND

Easton Cable TV*, 142 N. Harrison St., Box 1189, Easton 21601; Bill Russell, 301/822-6110; 3,300 subscribers; 38 channels (capacity is 64); basic monthly rate: $8.90; utility use: no; structure: separate department of utility (Easton Utilities Commission); financing: general obligation bonds (1984)

MASSACHUSETTS

Shrewsbury Community Cable*, 100 Maple Ave., Shrewsbury 01545; Thomas R. Josie, 508/845-4881; 7,781 subscribers; 59 active channels; expanded basic monthly rate: $15.20; utility use: emergency alert system, institutional network, energy management planned; structure: separate department of utility (Shrewsbury's Electric Light Plant); financing: general obligation bonds (1983)

MICHIGAN

Crystal Falls, City of*, 401 Superior Ave., Crystal Falls 49920; Walter E. Hagglund, 906/875-6647; 837 subscribers; 12 channels (capacity is 21); basic monthly rate: $5.50; utility use: no; structure: part of utility; financing: loan from city's general fund (1959)

Lowell Cable TV*, 127 N. Broadway, Lowell 49331; Herbert Haines, 616/897-8405; 1,815 subscribers; 28 channels; basic monthly rate: $14; utility use: no; structure: separate department of city; financing: funds from electric utility (1982)

Negaunee Cable Television System*, Box 70, Negaunee 49866; John D. Korhonen, 906/475-7700; 1,236 subscribers; 26 channels; basic monthly rate: $7.95; utility use: no; structure: separate department of utility; financing: utility reserve funds (1984)

Norway CATV*, Box 194, Norway 49870; Tom Pearman, 906/563-9641; 1,534 subscribers; 21 channels (capacity is 36); basic monthly rate: $5.25; utility use: emergency warning system; structure: part of utility; financing: utility general fund (1954)

Wyandotte Municipal Service* [illegible]05 Biddle Ave., Wyandotte 48192; Dale Simmons, 313/282-7100, ext. 364; 9,228 subscribers; 52 channels; basic monthly rate: $10[illegible] utility use: plan to use for meter reading; structure: separate department of utility; financing: lease system from private investors with purchase agreement at a fixed date (1982)

MINNESOTA

Bagley City Cable TV*, Box M, Bagley 56621; Bernie Stavig, 218/694-2300; 536 subscribers; 16 channels; basic monthly rate: $8.65; utility use: no; structure: separate department of utility; financing: cable revenue bonds (1976)

Fosston Cable TV*, 220 First St. N.E., Fosston 56542; Russell Earls, 218/435-1737; 605 subscribers; 12 channels; basic monthly rate: $8; utility use: load management; structure: separate department of utility; financing: cable revenue bonds (1976)

Jackson Municipal TV System*, 80 W. Ashley St., Jackson 56143; Curt Egeland, 507/847-3225; 1,584 subscribers; 28 channels; basic monthly rate: $4.50; utility use: no; structure: separate department of city; financing: installation fees of original subscribers (1957)

Marble, City of, Box 38, Marble 55764; Carolyn Kolar, 218/247-7576; 230 subscribers; 16 channels; basic monthly rate: $7; structure: separate department of city; financing: city general fund (1983)

Windom Cable Communications System*, 444 Ninth St., Windom 56101; Dennis Nelson, 507/831-2363; 1,315 subscribers; 26 channels (capacity is 34); basic monthly rate: $10.95; utility use: emergency alert system; structure: separate department of city; financing: loan from utility commission (1985)

MISSOURI

Newburg Cable TV System, Drawer K, Newburg 65550; Barbara Macormic, 314/762-2315; 250 subscribers; 12 channels; basic monthly rate: $8.50; structure: operated through city hall; financing: borrowed from private development corporation (1968)

Unionville Cable Authority*, 1621 Grant St., Box 206, Unionville 63565; Morgan J. Brown, 816/947-3316; 824 subscribers; 20 channels (capacity is 30); basic monthly rate: $12; utility use: emergency alert system; structure: separate department of city; financing: cable revenue bonds (1980)

OREGON

Cascade Locks CATV*, Box 308, Cascade Locks 97014; George Lewis, 503/374-8484; 397 subscribers; 16 channels (capacity is 36); basic monthly rate: $13; utility use: no; structure: separate department of utility; financing: cable revenue bonds (1972)

Lexington, Town of, Lexington 97839; Mayor Robert Taylor, 503/989-8508; 100 subscribers; 9 channels; basic monthly rate: $7; structure: separate department of city; financing: cable service revenues (1959)

PENNSYLVANIA

New Wilmington Borough Cable TV*, 140 West Neshannock Ave., New Wilmington 16142; Ed Garrett, 412/946-8167; 535 subscribers; 21 channels; basic monthly rate: $6; utility use: no; structure: separate department of borough; financing: general fund (1979)

Pitcairn Community Antenna System*, 582 Sixth St., Pitcairn 15140; George Myers, 412/372-6500; 1,603 subscribers; 29 channels (capacity is 35); basic monthly rate: $9.75; utility use: no; structure: under light department; financing: installation fees of original subscribers ($75) and bank loans (1953)

SOUTH DAKOTA

Beresford Cablevision*, 101 N. Third St., Beresford 57004; Wayne Akland, 605/763-2500; 651 subscribers; 16 channels (capacity is 21); basic monthly rate: $7.95; utility use: no; structure: maintained by city telephone department; financing: general city fund (1983)

WASHINGTON

North Bonneville Community Cable TV, Box 7, North Bonneville 98639; Ray Hays, 509/427-8182; 153 subscribers; 13 channels; basic monthly rate: $10; structure: part of city utility department; financing: city capital improvement fund (1982)

Sumas TV Cable System*, Box 9, Cherry St., Sumas 98295; Lawrence Silvis, 206/988-5711; 290 subscribers; 13 channels (capacity is 13); basic monthly rate: $7.50; utility use: no; structure: under utility; financing: city light fund and residents' fee (1953)

WEST VIRGINIA

Philippi Communications System*, P.O. Box 460, Philippi 26416; Joseph Mattaliano, 304/457-3701; 1,400 subscribers; 34 channels; basic monthly rate: $15; utility use: no; structure: separate department of city; financing: revenue bonds (1986)

WISCONSIN

Oconto Falls Cable TV\8, 104 S. Franklin St., Box 70, Oconto Falls 54154; George Barber, 414/846-2911; 665 subscribers; 26 channels; basic monthly rate: $12.50; utility use: maybe meter reading; structure: separate department of utility commission; financing: bank loan backed by city (1981)

Two Creeks Cable TV, 5711 Nuclear Rd., Two Rivers 54241; Mary Ann Cherveny, 414/755-2221; 145 subscribers; 30 channels (capacity is 52); basic monthly rate: free; structure: part of city government; financing: nuclear plant taxes (1986)

WYOMING

Bairoil Cable System, P.O. Box 58, Bairoil 82322; Zane Bennett, 307/324-7653; 70 subscribers; 14 channels; basic monthly rate: $25; utility use: no; structure: self-supporting department of the town; financing: loan from general fund (has been paid off) (1981)

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Volume 49, Number 4

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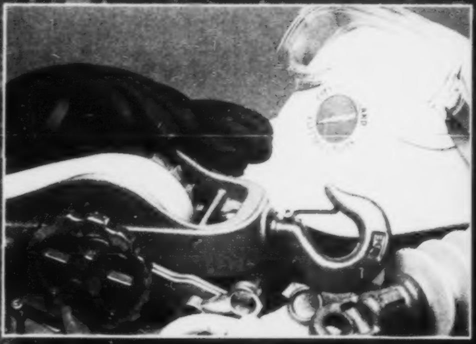

PREVENTING LINEWORKER FATALITIES

PUBLIC POWER

Editorial and advertising offices:
2301 M St. N.W.
Washington, D.C. 20037-1484

PUBLIC POWER (ISSN 0033-3654), issued bimonthly, is published by the American Public Power Association, 2301 M St. N.W., Washington, D.C. 20037-1484, a national service organization providing legislative and regulatory monitoring, technical and statistical research, and educational and informational services for the nation's local publicly owned electric utilities. Opinions expressed in single articles are not necessarily policies of the association. For permission to reprint articles, write or call the publisher.

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Second class postage paid at Washington, D.C., and additional mailing offices. Postmaster: send address changes to Public Power, c/o Circulation, American Public Power Association, 2301 M St., N.W., Washington, D.C. 20037-1484.

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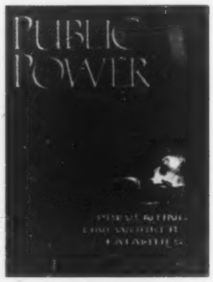
PUBLIC POWER

July-August 1991
Volume 49, Number 4



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Preventing Lineworker Fatalities

by Virgil J. Casini, James W. Collins and John R. Myers

35-14 GC
ALWAYS
WEAR
YOUR
GLOVES
CITY OF VINELAND
ELECTRIC UTILITY

Photos by Bob Cervini

The National Institute for Occupational Safety and Health is the federal agency responsible for conducting research to identify hazards and developing effective intervention methods to prevent work-related injuries, illnesses, and fatalities. The NIOSH Division of Safety Research is the institute's focal point for fatal and nonfatal traumatic injury research programs. Its mission is to reduce the number and severity of occupational injuries by developing and conducting research projects that yield results with real-world impact.

The Division of Safety Research analyzes occupational mortality and morbidity data to target high-risk industries and occupations for further study. Line mechanics have been identified by NIOSH's National Traumatic Occupational Fatality (NTOF) database as a high-risk occupational group for work-related deaths. The job classification *line mechanic* or *lineman* refers to workers who construct, maintain, or repair transmission and distribution power lines. The NTOF database consists of information from death certificates of workers who died as a result of traumatic occupational injuries that meet the following criteria:

- age at death—16 years or older;
- an external cause of death from the International Classification of Diseases 9th Edition (ICD-9), reported as immediate, underlying or contributory;
- a positive response to the "injury at work" item on the certificate.

From 1980 to 1985, 374 line mechanic deaths were identified by the NTOF database; of these, 59 percent were due to electrocution, 14 percent were due to falls from elevations, and 27 percent were due to other causes such as heavy objects falling on the worker, motor vehicle incidents, burns and explosions. Over that same time period, the average yearly employment of line mechanics was 110,800, according to the Bureau of Labor Statistics. The average annual number of fatalities (62.3 line mechanic deaths per year), divided by the average yearly employment of line mechanics (110,800), indicates an annual fatality rate of 56.3 deaths per 100,000 line mechanics. This rate was significantly higher than the general industry fatality rate of 7.9 deaths per 100,000 workers over the same time period.

Another source of data on lineworker fatalities is the NIOSH Fatal Accident Circumstances and Epidemiology (FACE) project. The objective of the FACE project is to identify factors that contribute to occupational deaths by conducting epidemiologic field evaluations of selected fatalities. As part of the FACE project, Division of Safety Research personnel did 203 evaluations involving 219 electrical-related fatalities during the period November 1982 to December 1990. Of these investigations, 41 involved line mechanics, resulting in 43 fatalities. For fatalities investigated as part of the FACE program, line mechanics were the second most frequently involved job classification; laborers were first. The average age of the line mechanic victims at the time of death was 36 years. Assuming a life expectancy of 65 years for each victim, the years of total potential life lost for the 43 fatally injured line mechanics added up to 1,175 years of life (an average of 27 years per victim). The FACE project personnel investigate fatalities at investor-owned utilities, municipalities, electric cooperatives and electrical contractors. Voltage levels contacted in these incidents ranged from 110 to 230,000 volts.

The U.S. Bureau of Labor Statistics Supplementary Data System also has identified line mechanics as a high-risk group for occupational injuries. The SDS is a composite of workers' compensation claims from approximately 27 participating states. Since only 27 states provided information to the SDS system during the six-year period (1980 through 1985), and not all states participated in all years, the compensation counts provided are not national values. For this six-year period, the SDS system reported a yearly average of 2,024 injuries to line mechanics in the Electric Services Industry (Standard Industrial Classification Code 4911). This information, while not providing a national quantification of line mechanic injuries, does allow for a good classification of line mechanic injuries. Analysis of this data in combination with information from the Bureau of Labor Statistics annual survey, (a national estimate of occupational injuries and illnesses based on a random sample of industries nationwide), indicated that line mechanics have an estimated annual rate of 6.3 lost-workday injuries per 100 workers, nearly twice as high as the annual rate of 3.6 lost workday injuries per 100 workers for all private sector employees.

Using the workers' compensation information from SDS, overexertion and struck-by injuries each accounted for 20 percent of the injuries involving line mechanics. Falls accounted for 18 percent, while contact with electricity was noted as the cause for less than 5 percent. The leading sources of injuries, based on the SDS data, were working surfaces, metal items, electrical apparatus, bodily motion, hand tools and vehicles.

The three leading causes of fatal injury are contact with electrical injury, falls from elevations, and objects falling on line mechanics, while the three major causes of nonfatal, reportable injuries to line mechanics are over-exertion, being struck by falling objects and falls.

Due to inherent hazards involved in the construction, repair and maintenance of electrical transmission and distribution systems, employers typically provide extensive training for line mechanics and require them to adhere to stringent injury prevention and line clearance procedures.

However, the invisibility of electricity makes it difficult for a line mechanic to be constantly aware of the life-threatening hazards presented by working close to power lines. Efforts to maintain continuous electric service to customers frequently dictate that line mechanics repair and maintain transmission and distribution systems while power lines remain energized. Additionally, line mechanics must deal with a constantly changing work environment, inclement weather, working from heights, overtime, and cumbersome personal and electrical protective equipment.

Four of the FACE field evaluations involving line mechanic fatalities are described below to present typical causative factors that recur in the FACE line mechanic fatality data.

Case No. 1 (NIOSH 1985) A 38-year-old lineworker with 20 years experience was electrocuted while repairing a 13.2-kV line that he thought was de-energized. The lineworker was working from an aerial bucket truck to repair a power line damaged during an electrical storm. The damaged line was one of two power line phases serving a residential area. The third phase of the circuit supplied a three-phase transformer that provided power to a store. To repair the damaged line, both of the residential power lines were presumed de-energized by opening their respective disconnects. However, the third line remained energized to provide power to the store. Because of this, voltage fed back through the three-phase transformer, inadvertently energizing the line on which a splice was to be made. Though the lineworker presumed that the line to be spliced had been de-energized, he tested it for voltage by touching it with insulated pliers held in his gloved hand. When the lineworker did not see an arc or hear a buzzing sound, he concluded it was de-energized, removed his glove, and began to splice the line. Because fuzzing does not adequately detect lower voltages, the worker did not detect the voltage created by the back-feed circuit. [Power company engineers later estimated that the line carried 4,000 to 7,000 volts.] The lineworker inserted the supply side of the line into a splice tube and crimped it. When he grasped the load side of the line, he completed an electrical circuit between the supply and load sides of the line, causing current to pass through his arms and chest, resulting in his electrocution. Grounds had not been placed on the line, and electrically insulated lineworker gloves were not used when the incident occurred.

In a multiphase distribution system, the possibility that any one phase can serve as the supply for the transformer should always be considered. Lineworkers should treat all power lines as energized unless they have personally de-energized the power lines, have applied proper grounding to their work area and have tested the line to verify de-energization.

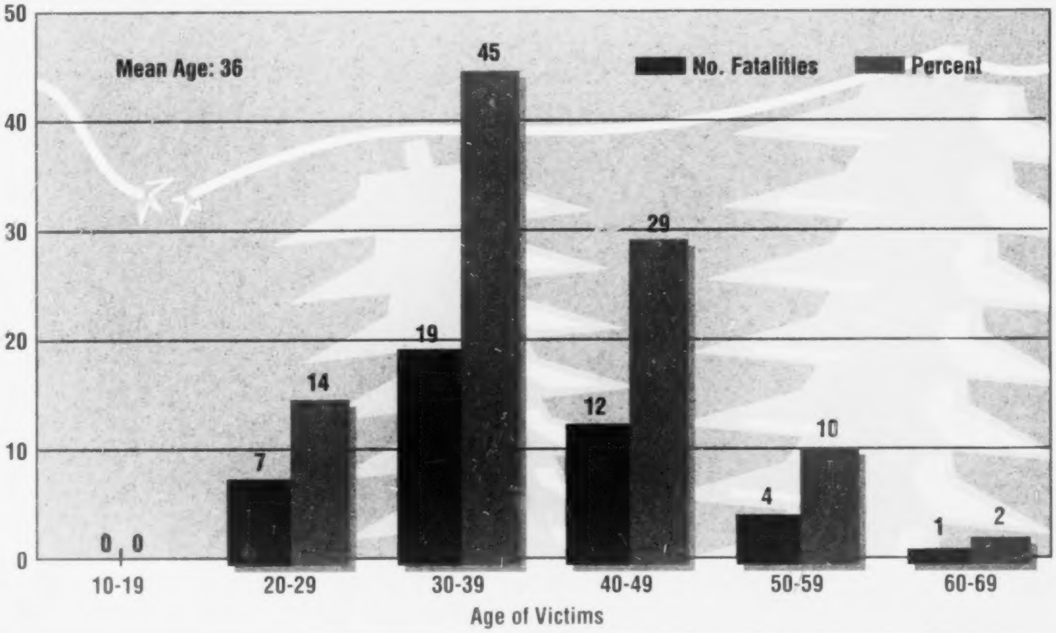
Case No. 2 (NIOSH 1986) A 40-year-old meter technician, who was working overtime as a lineworker technician, was electrocuted while repairing a downed line. The victim had worked as a meter technician constructing, maintaining, and repairing electric meters for the full 20 years of his work life. However, several years earlier, he had attended a seven-week basic lineworker training course which qualified him as a lineworker technician, permitting him to climb poles and work with electrical conductors. During his regular shift, he worked as a meter technician; however, during unplanned power outages, he worked as a lineworker technician restoring electrical service. On the day before the incident, the victim worked more than 14 hours, finishing work at 11:45 p.m. He reported to work at 8 a.m. on the day of the incident and worked his regular shift. Upon completion of his regular shift, he was asked to work overtime to restore electrical service to a residential customer.

At 5:00 p.m., the victim arrived at the site and discovered a tree limb had fallen across a power line. The line had detached two 120-volt conductors and the neutral wire from the utility pole. After removing the tree limb from the conductors, the technician cut the electrical conductors on either side of previous splices, attached a rope to the three conductors, fished the rope through a block and tackle, and attached the rope to the bumper of his utility truck. He then moved the utility truck until all the slack in the conductors was removed between the two utility poles (a span of approximately 130 feet). He then reclimbed the utility pole wearing his insulated gloves, hard hat and safety glasses. The technician was pulling an energized cable when a splice in the cable caught the left cuff of his glove. The cuff of the glove was pulled down, allowing the energized conductor to contact the victim's forearm near the wrist, resulting in his electrocution. The meter technician did not use his lineworker technician training on a regular basis and had been assigned a task that was very difficult to be performed safely by one person.

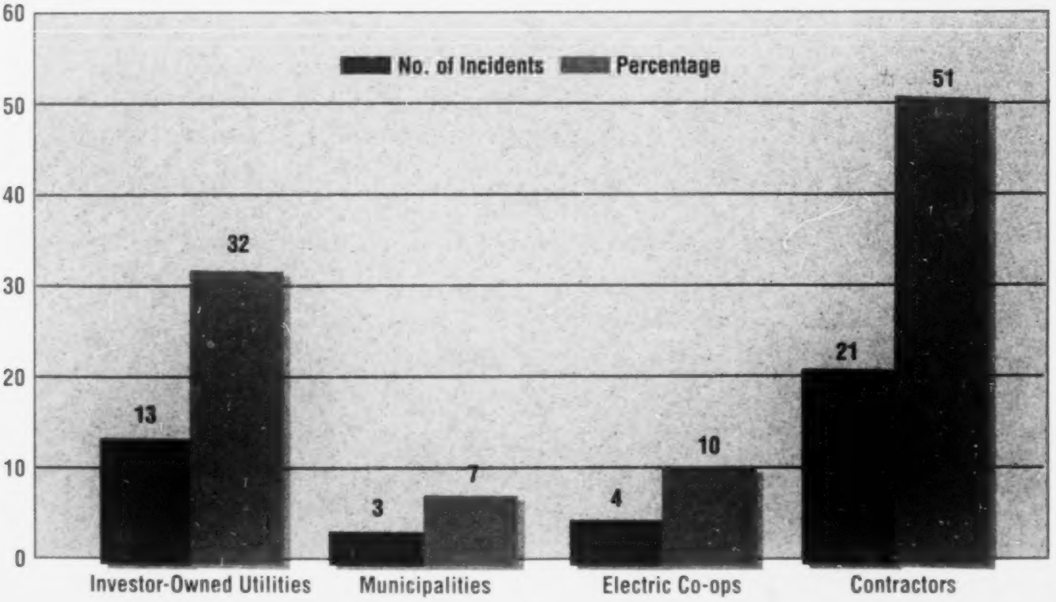
Case No. 3 (NIOSH 1987) A 37-year-old lineworker, who was working for an electrical contractor that specializes in power line construction and maintenance, was electrocuted when the boom of a digger derrick truck contacted a 7,200-volt power line while he was leaning against the truck. The crew consisted of two lineworkers and an apprentice lineworker. One of the lineworkers, who was serving as a working foreman, told the apprentice lineworker where to position the truck and then went over the job procedures with the crew. After the pre-job briefing, the victim began to install the truck's ground rod, which was attached to a 30-foot ground cable. The apprentice lineworker climbed onto the truck's platform and raised the boom. This action was in violation of the contractor's policy that the truck's boom not leave the truck's cradle until the ground has been installed. While it is unknown why the apprentice lineworker raised the boom, it is suspected that he either thought the ground had been installed or he may not have been able to see the victim clearly. The boom contacted the overhead power line, electrocuting the victim.

Case No. 4 (NIOSH 1990) A 46-year-old male distribution line technician working from a tree to clear limbs off a 7,200-volt power line, was electrocuted then fell 20 feet to the ground. The victim and a coworker had been dispatched to an area to clear tree limbs off a 7,200-volt primary power line. The limb damage occurred when a tropical storm passed through the area. An aerial bucket truck could not be used because the dirt access road had been rendered impassable by heavy rains. The victim got a telescopic fiberglass hot stick from the back of his truck and walked the access road with his coworker until he saw a white pine limb lying across the power line. Following standard operating procedure, the victim extended the hot stick and knocked the limb off the power line. The victim retracted the hot stick and was walking toward the truck when he heard a popping sound above him. The victim told the coworker that he thought he saw a second limb contacting the power line at a point where the line passed through the pine tree. Because of the dense

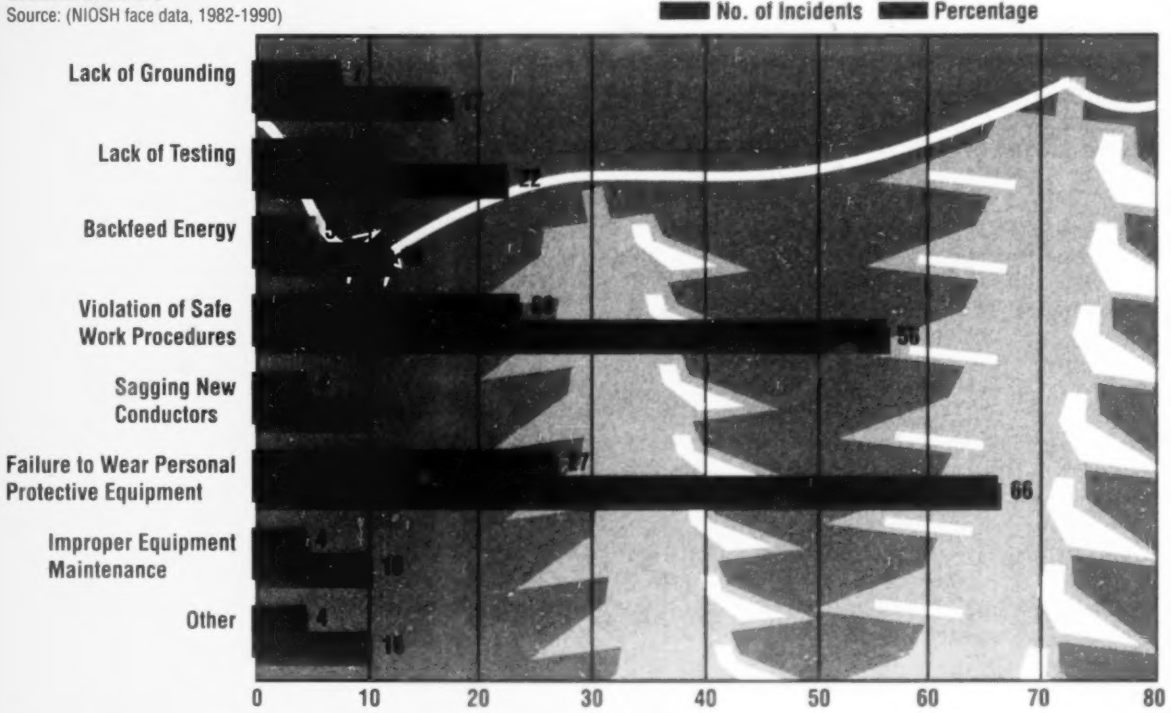
Lineworker Electrocutions
Age Distribution
Source: (NIOSH face data, 1982-1990)



Employer Type
Total Incidents (N=41)
Source: (NIOSH face data, 1982-1990)



Lineworker Electrocutions
Causative Factors
Source: (NIOSH face data, 1982-1990)



growth of the limbs, the victim was not sure which of the limbs was making contact. The density of the limbs also negated the use of the telescopic hot stick. The victim and coworker traveled to a pole-mounted transformer 300 feet away and opened a fused switch on the transformer. The victim thought he had de-energized the 7,200-volt primary line. However, the victim did not ground the primary power line as required by standard operating procedures. The fused switch actually controlled the electrical current to a tap line that provided electrical service for several houses in the area. This tap line was mounted on the same pole as the primary power line. The victim told the coworker that he was going to climb the tree to see if he could correct the situation. Then he reported that the limb was not contacting the power line where he thought. The coworker could not clearly see the victim, but he heard an arcing sound and saw the victim falling to the ground. The coworker ran to the truck and called the company dispatcher to summon the emergency medical squad. He then returned to the victim and initiated cardiopulmonary resuscitation. A second worker in the area heard the call over the truck radio and went to the scene to aid the coworker. The EMS transported the victim to the hospital where he was pronounced dead. Although the event was unwitnessed, electrical burns on the victim's back, torso and limbs suggested the victim lost his balance and fell into the power line. A path for the electric current was established through the victim and the tree to the ground.

The FACE evaluations of line mechanic fatalities identified several common factors in these line mechanic fatalities. These factors are detailed in the graph above. In many of the FACE cases, more than one of these factors were present. The "other" category on the graph represents factors such as improper vehicle maintenance, equipment failure and component failure.

To reduce the incidence of line mechanic fatalities, the following safe work practices and preventive suggestions are presented:

1. All organizations that employ people who work on or close to power lines or any other components of transmission or distribution systems should develop and implement a comprehensive safety program. The program should be designed to help workers recognize, understand and control hazards that they may confront during the performance of their duties. Companies should evaluate each task performed by workers, develop and implement a safety program addressing these hazards, and provide training in safe work procedures.

2. Line mechanic training should include, but not be limited to, instruction in electrical theory, safe work practices, pre-job planning, operation of aerial equipment (bucket trucks, derrick trucks, etc.), the use of personal and electrical protective equipment, use of voltage detection devices, and lockout/tagout procedures for de-energizing, grounding, and testing power lines and equipment. Line mechanics should receive task-specific training that correlates steps in the task with control of the identified hazards. A line me-

chanic should be required to demonstrate proficiency in performing line mechanic duties before being allowed to work on energized or de-energized power lines.

3. All persons performing work on or in the vicinity of unverified de-energized power lines should treat all power lines as hot unless they positively know these lines are properly de-energized, grounded and have been tested. If a line is not grounded, it is not de-energized. If work is being performed on a multiphase system, grounds must be placed on all lines. Lines should be grounded within the sight of the working area and work should be performed between the grounds whenever possible. If work is to be performed out of sight of the point where the line has been de-energized, an additional ground should be placed on all lines on the source side of the work area. Because of the possibility of a feedback circuit, the person performing the work should personally de-energize, ground, and test all lines on both sides of the work area unless he or she is wearing the proper protective equipment.

4. Procedures should be established to perform a dual voltage check on the grounded load and supply sides of open circuits. Once it is determined that high voltage is not present, low voltage testing equipment, such as a glowing neon light or a light-emitting diode, should be used to determine if lower voltages are present.

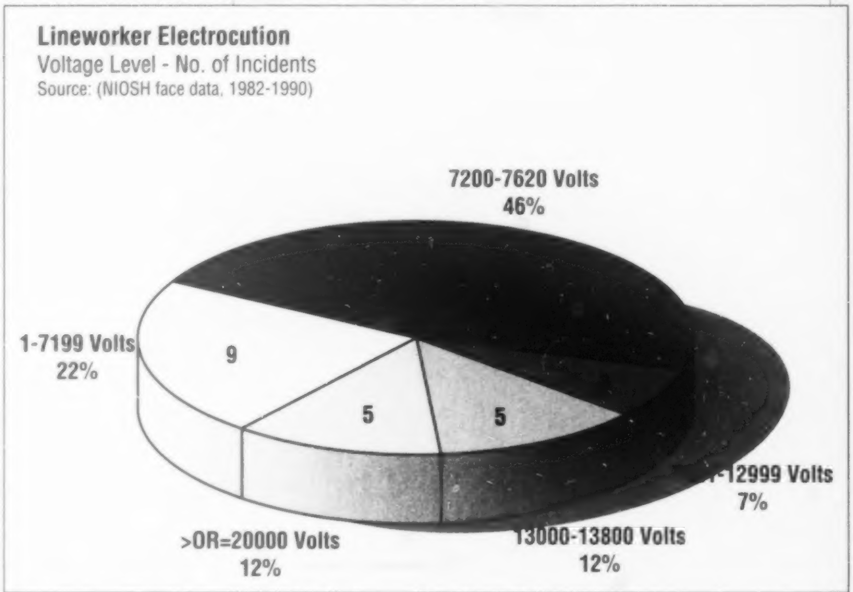
5. Before beginning any work on an electrical system, all workers involved should be aware of the function of each component in the system, and of any hazards created by the functioning of these components. Additionally, workers should be instructed that if any questions regarding the electrical system arise, qualified personnel should be contacted to answer these questions before work proceeds.

6. All installation and maintenance work performed by line mechanics should comply with the safety rules for the installation and maintenance of overhead and underground electric supply and communication lines as outlined in Sections 2 and 3 of the National Electrical Safety Code (ANSI 1990) and any applicable sections of existing standards from the Occupational Safety and Health Administration.

7. Line mechanics should be trained in and instructed to adhere constantly to all established safe work procedures relevant to their duties and responsibilities. Management should periodically conduct random site visits to ensure work crews are following established safe work procedures.

8. Power lines should not be prepared or otherwise accessed without adequate personal protective equipment unless the line mechanic personally verifies that the line is de-energized and properly grounded. Line mechanics must be provided with and specifically instructed to wear all required proper personal protective equipment, such as gloves and sleeves, for the specific tasks to be performed.

9. Qualified personnel should conduct a comprehensive inspection of each worksite prior to the start of each job to identify all potential hazards at the worksite, including any damaged equipment. Then measures should be implemented to control these hazards. The specific tasks to be performed by each worker at the site should be clearly defined at this time. Damaged equipment must either be repaired to manufacturer's specifications or replaced.



Lineworker Electrocution

Voltage Level - No. of Incidents

Source: (NIOSH face data, 1982-1990)

10. All personnel working on or in the vicinity of high voltage power lines should be certified in CPR.

As part of the FACE program, the Division of Safety Research investigated 41 line mechanic electrocution events resulting in 43 fatalities. Circumstances surrounding these events have been analyzed and indicate that many events could have been prevented if existing regulatory and consensus standards and known safe work procedures had been followed. These data indicate that although many organizations had comprehensive safety programs, they were not fully implemented. This underscores the need for utilities to increase management and worker understanding and awareness of the hazards associated with working on or in proximity to high-voltage power lines or other components of transmission and distribution systems. In some cases, this may entail the development of additional training, the evaluation and restructuring of existing safety programs or both. Companies, unions and trade associations should work together to recognize the dangers associated with working on or near high-voltage transmission and distribution systems, and to work toward preventing these deaths by implementing appropriate control measures. ❑

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